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Open File Report 5677

Komatiite Database

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ONTARIO GEOLOGICAL SURVEY

Open File Report 5677

Komatiite Database

Part I: Listing of Data
Part II: Data Diskettes

by

J.M. Howe, R.M. Easton, E.C. Grunsky, L.S. Jensen, and P.C. Thurston

1987

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Ontario Geological Survey

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V.G. Milne, Director
Ontario Geological Survey

FOREWORD

KOMATIITE DATABASE

The Precambrian rocks of Ontario contain almost all of the metallic mineral deposits and a significant portion of the non-metallic mineral deposits of the Province. Increasingly in the Canadian Shield, mineral exploration must be based on the understanding of spatial, temporal and genetic relationships of mineral deposits to rock type, structure and stratigraphy. Geochemistry of Precambrian rocks plays a major role in the correlation of rock sequences within and between greenstone belts; determining the relationship of mineralization to major geologic events, and in establishing the tectonic and stratigraphic framework in which convincing models of mineralization can be applied.

To successfully determine these relationships we must be able to classify volcanic rocks. As most classification schemes ignore komatiites, the authors of this report are attempting to design a classification of volcanic rocks which includes komatiites. This has required the compilation of this database. Given the geochemical emphasis of many exploration programs, we have decided to make the komatiite database available for public use.

This report is an attempt to collate the wealth of geochemical data on komatiitic rocks that has accumulated in Ontario and the world. Access to the data is enhanced by hardcopy listings, and by providing diskettes which contain the data in ASCII and Data Interchange Format (DIF) suitable for use with MS-DOS and PC-DOS microcomputers and software packages.

V.G. Milne

Director

Ontario Geological Survey

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FIGURES

Figure 1 : 5

A sample list of background data. UNIQUE NUMBER is an arbitrary number assigned to each sample so that there is no repetition of field numbers. REFerence KEY is the source of that sample, as indicated in the bibliographic file. LATITUDES and LONGITUDES are expressed as decimal location parameters, qualified by a directional parameter (N,S,E,W). AREA is the general region where the sample originated.

Figure 2 : 6

UNIQUE NUMBER allows data to be compared from table to table. ROCK NAME is the name given by the original author, frequently the field name. MATERIAL indicates the magmatic origin. DESCRIPTION and COMMENTS give further details regarding the sample. LIQUID is interpretive, and indicates whether the sample might represent an original magma fluid.

Figure 3 : 6

All major oxide data is expressed in weight percent, if no analysis was performed, then a blank field is shown. A minus sign implies that the compound is below the detection limit.

Figure 4 : 6

Trace Element data is expressed in parts per million (ppm), minus signs indicate below detection limit.

Figure 5 : 7

Trace Element data is expressed in parts per million (ppm), minus signs indicate below detection limit.

Figure 6 : 8

Shows a portion of the ASCII data file (analogous to Figures 1 to 5, inclusive). The format for each sample is identical, and is explained following this diagram. Note: that the ASCII format and the style of the hardcopy listings do not directly correspond line by line. This is because the tables have been presented for ease in reference and reading.

ABSTRACT:

This report and the accompanying diskettes list 1293 major oxide and trace element whole-rock geochemical analyses of komatiitic, ultramafic, and related rocks of Archean age from around the world. Data has been selected from literature searches and the Ontario Geological Survey's PETROCH database. The purpose of this report is to make this data more accessible to geoscientists working on komatiitic rocks in Ontario, and elsewhere in the world.

KOMATIITE DATABASE

PART I: LISTING OF THE DATA

by

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INTRODUCTION:

This database was initially developed to aid an internal Ontario Geological Survey project to classify Archean volcanic rocks. It soon became apparent to the committee developing the classification scheme that there was no existing database for Archean komatiitic and ultramafic rocks . The large volume of data available, much of it the result of Ontario Geological Survey projects in the past decade, meant that the database could be of use to the scientific community in general, and the exploration industry in Ontario in particular.

The Komatiite Database is a compilation of 1293 major oxide and trace element whole-rock geochemical analyses of komatiitic, ultramafic, and related rocks from Archean greenstone belts around the world. The database is partitioned into two subgroups, an extrusive group of 1121 samples, and an intrusive group of 172 samples. Although the later group is not strictly komatiitic using the definition of Arndt and Nisbet (1982), it is ultramafic, and provides a useful data set for comparison to extrusive komatiites.

Work by Muir (1979) has shown that distinctions can be made between extrusive and intrusive ultramafic rocks on the basis of chemistry. At this time, we have been unable to distinguish between these. The organization of samples into intrusive verses extrusive data files was made on the basis of field observations, and it is possible that some of these rocks were originally misclassified by the field geologist, that is, intrusive rocks termed extrusive rocks and vice-versa.

The database consists of two parts. Part I outlines how the database was constructed, and provides hard copy listings to assist in day-to-day use of the database. Part II is the komatiite database, furnished on diskettes as ASCII fixed format sequential files, and Data Interchange Format files (DIF) usable on MS-DOS/PC-DOS microcomputers. As the two formats are not generally used simultaneously, the report is available in either DIF or ASCII format, each module can be used independently.

STATEMENT OF PURPOSE

In February 1985, the Precambrian Section of the Ontario Geological Survey established a committee to investigate methods of geochemical classification for Archean volcanic rocks. The committee was established because of difficulties encountered applying existing geochemical classifications to Archean volcanic rocks. In particular some classification schemes were developed without regard for alteration. Still others do not readily classify even slightly metamorphosed volcanic rocks, or were developed for use on 'fresh' samples only. Finally, there is a philosophical consideration - all existing schemes have been developed for classification of recent volcanic rocks, with classification based on chemical characterization of modern suites. Historically, Archean rocks have been fitted into these schemes, an approach that could mask the true chemical signatures of Archean volcanic rocks. The committee has been charged with the task of developing a classification scheme for Archean volcanic rocks which will be an improvement on existing methods.

This database can provide the basis for significant applications to mineral exploration in the following ways:

1. Regional correlation of volcanic sequences in the Superior Province relies heavily on chemo-stratigraphic correlation, with mineralization being stratigraphically controlled (Wood and Wallace, 1986).

2. Different geochemical groups of volcanic rocks can host different mineralization types (Wood and Wallace, 1986).

3. Regional alteration patterns can frequently be used to delineate potential exploration targets (Wood and Wallace, 1986).

Any classification scheme which accounts for peculiarities of Archean volcanic rocks will have immediate application to mineral exploration in the Superior Province.

Preliminary reports outlining the statistical +analysis of the komatiite database, and conclusions regarding rock classification are given in Grunsky et al. (1986, 1987). Further reports with respect to the classification aspects of the project will appear in the near future. Publication of the database, however, will allow other groups to duplicate our work and to explore other approaches to the study of komatiitic rocks in Ontario and around the world.

PRESENT COMPILATION:

1) Rationale:

The database is presented with a minimum of interpretation. Rock names are those given by the original author, in most cases on the basis of field work only, no matter how inappropriate they might seem. The chemical criteria for selecting komatiites and related ultramafic rocks was as broad as possible; this reflected the mandate of the committee to define a classification scheme.

2) The Data:

The data was obtained from three main sources:

1. Ontario Geological Survey PETROCH database,
2. PETROS (Mutschler et al. 1975),
3. literature searches.

During compilation an attempt was made to ensure an even distribution of data from the various greenstone belts. Nevertheless, there is a bias towards data from the Abitibi and Barberton Mountain Land greenstone belts due to the profusion of komatiites and geological studies in these two regions.

The original chemical criteria for komatiites to be included in the database were defined by the authors as follows:

20.0 <= SiO2 <= 60.0 wt. percent
Al2O3 <= 10.0 %
MgO => 10.0 %

This initial selection of komatiites from the above sources consisted of 1736 samples, including bona-fide komatiites, misnamed tholeiites, and some carbonate rocks. A second-order selection was then made using the following criteria, for samples recalculated to 100 weight percent (anhydrous):

20.0 <= SiO2 <= 60.0 %
Al2O3 <= 10.0 %
MgO => 10.0 %
TiO2 => 0.2 %
L.O.I. <= 10.0 %

These selection criteria reduced the database to 1293 samples. Komatiites were then separated into a file of 172 intrusive samples and 1121 extrusive samples The extrusive file consists of flows, pyroclastic rocks, and rocks termed

"volcanic" by the original author. The intrusive file consists of rocks termed "intrusive".

Each sample has been given a unique number within the database so that there will not be any confusion in the case of repeated field numbers. Each sample was assigned a reference number (refkey) which corresponds to the particular reference from which the sample was obtained.

Samples drawn from the literature have latitudes and longitudes expressed as zeros; O.G.S. Petroch samples have detailed coordinates; and the location data from Petros (Mutschler 1976) is only expressed to the nearest degree. Other areal information includes: a general area or township name, and the name of the greenstone belt.

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
730	156	79RPS-0062	48.05638 N	84.63193 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT
740	156	79RPS-0066	48.05443 N	84.62860 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT

Figure 1

In many instances in the literature the data was incomplete with respect to certain identification parameters such as: rock name, description and stratigraphy. Rock names are the original names - often field based - given by the author and in many samples are either incorrect (based on chemistry) , obsolete terminology, incomplete or not a primary rock name. The material field indicates the origin of the sample, whether intrusive (INTR), pyroclastic (PYRO), volcanic (VOLC) or flow (FLOW). If the sample was referred to as volcanic it was considered to be extrusive for our purposes. The description includes mineral compositions, igneous and metamorphic textures, while the comment field states local stratigraphy or general field relationships - if reported. The field referred to as 'liquid' is the only interpretive portion of the database. It contains one of: yes, no, or ?, (Y,N,?) and flags the samples that could represent an original magma fluid composition.

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
730	GABBRO	INTR	METAGABBRO		?
740	PYROXENITE	INTR	METAPYROXENITE		M

Figure 2

The major oxides are in weight percent, and the trace element data is in parts per million. The data is exactly as it is reported in its reference. If the field is blank then no analysis was performed for that element. If the value is -9.99 then the element was not detected, and the detection limit is not known. If the value is a negative number other than -9.99, then the analysis was below the detection limit given by the number. (eg. -2.0).

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
730	47.80	5.67	4.17	9.48	23.30	3.99	0.12	0.05	0.53	.	0.19	0.11	0.11	4.67	0.14	4.90	100.30
740	45.70	4.95	5.70	9.07	24.50	2.64	0.04	0.04	0.48	.	0.16	0.10	0.60	6.07	0.15	6.10	100.20

Figure 3

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
730	.	.	.	40.0	.	123.0	1340.0	127.0	.	-3.0	970.0	-10.0	.	.	.	82.0	-10.0	
740	.	.	.	20.0	.	205.0	1440.0	1000.0	.	-3.0	3320.0	-10.0	.	.	.	96.0	-10.0	

Figure 4

UNIQUE NUMBER	GA	MG	SC	SM	SR	V	Y	ZR	U	CE	LA	ND	TH	HF	SM	EU	TB	YB
730	.	.	.	.	8.0	100.0	4.0	25.0	.	.	.	.	.	.	.	.	.	.
740	.	.	.	.	10.0	85.0	4.0	22.0	.	.	.	.	.	.	.	.	.	.

Figure 5

The reference file contains the reports from which the data has been extracted from. Most of the references include the author's name, the publication and the title of the report, however, some of the data that was extracted from the Petroch database has not yet been published, and is stated as such. There is a reference key which acts as a link between the komatiite geochemical database and the bibliographic database, thus facilitating the use of relational database software packages.

3) Data Format - Printouts:

Tables 1,2,3,4,5 and Tables 6,7,8,9,10 list data from the extrusive and intrusive files respectively. Tables 1,2, 6 and 7 provide details of the samples, based on the author's original comments, as shown in Figures 1 and 2. Tables 3 and 8 list major element data (Figure 3), and Tables 4 and 5, and 9 and 10 list trace element data (Figures 4,5). Table 11 is a bibliographic listing in alphabetical order by author, while Table 12 is a bibliographic listing by reference number, in numerical order.

4) Data Format - Diskettes:

The printed report, the bibliographic file, and the intrusive and extrusive komatiite data files are included on the distribution diskettes. The data in this publication is supplied in ASCII fixed format, and Data Interchange Format (DIF). The diskettes are packaged way as to permit purchase either the ASCII files or the DIF files, whichever is most suitable.

The Data Interchange Format is a format in which data can be exchanged between various software packages which

utilize this transfer feature. Some of the packages containing this feature include Lotus 123, Visicalc, MS Word and dBase III Plus. This database was originally compiled and developed using the dBase III Plus software package.

The intrusive komatiite ASCII data file is called INTR.ASC, while the extrusive komatiite data is split into three ASCII files (EXTR1.ASC, EXTR2.ASC, and EXTR3.ASC) of similar size to permit usage of double sided / double density diskettes and disk drives. These three files need only to be combined with the DOS copy command to create one large file.

The intrusive komatiite Data Interchange Format file is called INTR.DIF. The extrusive komatiite data is split into three files called EXTR1.DIF, EXTR2.DIF, and EXTR3.DIF. Again, the extrusive data is divided into smaller files in order to use double sided / double density diskettes, and the files can be rejoined using the DOS copy command.

Figure 6 shows a sample of the ASCII data file, and the following text describes the data represented in the fixed format files.

```
      730156  79RPS-0062 48.05638N 84.63193WESQUEGA TWP., ONTARIO, ABITIBI BELT
GABBRO              INTR      METAGABBRO                                      ?
 47.80  5.67  4.17  9.48 23.30  3.99  0.12  0.05  0.53   .   0.19  0.11  0.11  4.67  0.14  4.90100.30
   .     .     .    40.0    .  123.01340.0 127.0    .   -3.0 970.0 -10.0     .     .     .   82.0 -10.0     .
   .     .     .     .    8.0  100.0   4.0  25.0    .     .     .     .     .     .     .     .     .     .

      740156  79RPS-0066 48.05443N 84.62860WESQUEGA TWP., ONTARIO, ABITIBI BELT
PYROXENITE          INTR      METAPYROXENITE                                  N
 45.70  4.95  5.70  9.07 24.50  2.64  0.04  0.04  0.48   .   0.16  0.10  0.60  6.07  0.15  6.10100.20
   .     .     .    20.0    .  205.01440.01000.0    .   -3.03320.0 -10.0     .     .     .   96.0 -10.0     .
   .     .     .     .   10.0   85.0   4.0  22.0    .     .     .     .     .     .     .     .     .     .
```

Figure 6

Line 1: col 1-10 : Unique Number
col 11-15 : Reference Key to bibliography
col 16-25 : Field Number
col 26-34 : Latitude
col 35 : North or South (N/S)
col 36-44 : Longitude
col 45 : East or West (E/W)
col 46-85 : Area

col 73-78 : Th
col 79-84 : Hf
col 85-90 : Sm
col 91196 : Eu
col 97-102 : Tb
col 103-108: Yb

Line 6: col 1 : Carriage Return/Line Feed

The bibliographic files are also in ASCII and DIF formats. The ASCII format was limiteddto one line so that the longger fields would not be discontinuous across a line feed.The ASCII and Data Interchange Format files are called BIBLIO.ASC and BIBLIO.DIF respectively. The alphabetical listing of the bibliography (by author) appears as Table 11 of this publication, but is not included in the diskette distribution.

The fixed format of the reference file is as follows.

Line 1: col 1-5 : Reference Key
col 6-85 : Author and Reference
col 86-285 : Title
col 286-325: Area

5) Content of Diskettes:

The "A" Series of diskettes contains the data in ASCII fixed format sequential files, while the "B" Series of diskettes contains the Data Interchange Format files. It should be stressed that Series "A" is independent of Series "B", and these are both independent of the hard copy publication.

	SERIES "A"	SERIES "B"
Diskette 1:	EXTR1.ASC INTR.ASC REPORT.ASC	EXTR1.DIF
Diskette 2:	EXTR2.ASC BIBLIO.ASC	EXTR2.DIF
Diskette 3:	EXTR3.ASC	EXTR3.DIF
Diskette 4:	-	INTR.DIF REPORT.DOC BIBLIO.DIF

UPDATE,ERRORS, OMISSIONS, LIABILITY:

Any errors or omissions should be brought to the of the Ontario Geological Survey, Precambrian Geology Section, 77 Grenville Street, Toronto, Ontario, M7A 1W4, so that they can be corrected. Any comments concerning the utility of the file will also be welcome. There are no plans at present to update and re-release the database at a later date, however, this could change if demand warrants. The Ontario Geological Survey assumes no responsibility for any errors or omissions in this database. Use of this database is entirely at the users own risk and the Ontario Geological Survey shall be in no way liable from any consequences resulting from the use of this database.

Information last added to this file: April 1987

Line 2: col 1-18 : Rock Name
col 19-28 : Material
col 29-78 : Description
col 79 : Blank
col 80 : Original Magmatic Liquid (Y/N/?)

Data in weight per cent

Line 3: col 1-6 : SiO2
col 7-12 : Al2O3
col 13-18 : Fe2O3
col 19-24 : FeO
col 25-30 : MgO
col 31-36 : CaO
col 37-42 : Na2O
col 43-48 : K2O
col 49-54 : TiO2
col 55-60 : P2O5
col 61-66 : MnO
col 67-72 : CO2
col 73-78 : S
col 79-84 : H2O +
col 85-90 : H2O -
col 91-96 : L.O.I.
col 97-102 : Total

Data in parts per million

Line 4: col 1-6 : Ag
col 7-12 : As
col 13-18 : Au
col 19-24 : Ba
col 25-30 : Bi
col 31-36 : Co
col 37-42 : Cr
col 43-48 : Cu
col 49-54 : Hg
col 55-60 : Li
col 61-66 : Ni
col 67-72 : Pb
col 73-78 : Rb
col 79-84 : Sb
col 85-90 : U
col 91-96 : Zn
col 97-102 : Mo
col 103-108: Be

Line 5: col 1-6 : Ga
col 7-12 : Nb
col 13-18 : Sc
col 19-24 : Sn
col 25-30 : Sr
col 31-36 : V
col 37-42 : Y
col 43-48 : Zr
col 49-54 : W
col 55-60 : Ce
col 61-66 : La
col 67-72 : Nd

REFERENCES CITED IN TEXT:

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Wood,J. and Wallace,H. (eds.)
1986: Volcanology and Mineral Deposits; Ontario Geological Survey, Miscellaneous Paper 129, 183p.

EXT1.TBL -- Table 1

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
10	1	JV23	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
20	1	JV40A	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
30	1	JV38	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
40	1	JV4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
50	2	S7	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
60	2	S11	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
70	2	S1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
80	2	S4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
90	2	DH21	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
100	2	DH35	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
110	2	DH67	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
120	10	AXC5	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
130	10	AXC12	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
140	10	AXC18	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
150	10	AX19	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
160	10	AX20	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
170	10	AX21	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
180	10	AX22	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
190	10	AX23	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
200	10	AX24	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
210	10	AXC26	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
220	10	AX29	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
230	10	AX45	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
240	10	AXC58	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
250	10	AXC56	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
260	10	AXC57	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
270	10	AXC55	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
280	10	AX59	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
290	10	DU6	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
300	10	DU16	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
310	10	DU20	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
320	10	DU21	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
330	10	DU22	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
340	10	DU23	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
350	10	DU28	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
360	10	DU29	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
370	10	DU30	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
380	10	DU40	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
390	10	DU41	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
400	10	HT16	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
410	10	HT10	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
420	10	HT17	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
430	10	HT18	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
440	10	HT21	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
450	10	HT22	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
460	10	HT27	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
470	10	HT28	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
480	10	HT29	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
490	10	TX21	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
500	10	TX22	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
510	10	TX23	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
520	10	TX25	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
530	10	TX26	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
540	10	TX27	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
550	10	TX28	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
560	10	TX29	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
570	10	TX30	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
580	10	TX31	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
590	10	TX36	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
600	10	TX43	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
610	10	TX44	0.00000	0.00000	TIMMINS AREA, ONTARIO, ABITIBI BELT
620	11	MG130	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
630	11	MG207	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
640	11	MG208	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
650	11	MG213	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
660	11	MG214	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
670	11	MG217	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
680	12	D	0.00000	0.00000	KARELIA, EASTERN FINLAND
690	13	5428	0.00000	0.00000	BOGOIN & BOUFOYO, CENTRAL AFRICAN REP
700	13	5433	0.00000	0.00000	BOGOIN & BOUFOYO, CENTRAL AFRICAN REP
710	13	5436	0.00000	0.00000	BOGOIN & BOUFOYO, CENTRAL AFRICAN REP
720	13	5437	0.00000	0.00000	BOGOIN & BOUFOYO, CENTRAL AFRICAN REP
730	13	5435	0.00000	0.00000	BOGOIN & BOUFOYO, CENTRAL AFRICAN REP
740	13	5490	0.00000	0.00000	BOGOIN & BOUFOYO, CENTRAL AFRICAN REP
750	14	1	0.00000	0.00000	PRINCE ALBERT GROUP, N.W.T.,
760	14	2	0.00000	0.00000	PRINCE ALBERT GROUP, N.W.T.,
770	14	3	0.00000	0.00000	PRINCE ALBERT GROUP, N.W.T.,

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
780	14	4	0.00000	0.00000	PRINCE ALBERT GROUP, N.W.T.,
790	15	5041	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
800	15	5042	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
810	15	5019	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
820	15	5031	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
830	15	5003	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
840	15	5077	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
850	15	5084	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
860	15	5085	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
870	15	5086	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
880	16	E-151A	0.00000	0.00000	VERMILLION DISTRICT, MINNESOTA
890	16	E-205	0.00000	0.00000	VERMILLION DISTRICT, MINNESOTA
900	17	201	0.00000	0.00000	EASTERN FINLAND
910	17	202	0.00000	0.00000	EASTERN FINLAND
920	17	204	0.00000	0.00000	EASTERN FINLAND
930	17	208	0.00000	0.00000	EASTERN FINLAND
940	17	301	0.00000	0.00000	EASTERN FINLAND
950	17	302	0.00000	0.00000	EASTERN FINLAND
960	17	303	0.00000	0.00000	EASTERN FINLAND
970	17	304	0.00000	0.00000	EASTERN FINLAND
980	17	305	0.00000	0.00000	EASTERN FINLAND
990	17	306	0.00000	0.00000	EASTERN FINLAND
1000	17	307	0.00000	0.00000	EASTERN FINLAND
1010	17	313	0.00000	0.00000	EASTERN FINLAND
1020	19	T.1-2	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1030	19	T.1-3	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1040	19	T.1-6	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1050	19	T.1-7	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1060	19	T.1-13	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1070	19	T.1-14	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1080	19	T.1-15	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1090	19	T.1-16	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1100	19	T.1-17	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1110	19	T.1-18	0.00000	0.00000	NEWTON TWP., SUDBURY, ONTARIO
1120	20	5042	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1130	20	5048	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1140	20	5049	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1150	20	5050	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1160	20	5003	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1170	20	5019	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1180	20	5031	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1190	20	SA39	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1200	20	5077	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1210	20	5084	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1220	20	5085	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1230	20	5092	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
1240	21	A24C	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1250	21	A24A	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1260	21	A24E	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1270	21	A24B	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1280	21	B414	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1290	21	A24H	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1300	21	A24G	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1310	21	OF-1069B	0.00000	0.00000	PIUMHI, EASTERN BRAZIL
1320	23	JHC-5	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1330	23	JHC-6	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1340	23	JHC-7	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1350	23	JHC-8	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1360	23	JHC-9	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1370	23	JHC-10	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1380	23	JHC-11	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1390	23	JHC-12	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1400	23	JHC-13	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1410	23	JHC-14	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1420	23	JHC-15	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1430	23	070876-18	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1440	23	080876-17	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1450	23	080876-18	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1460	23	080876-19	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1470	23	080876-20	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1480	23	080876-1	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1490	23	080876-2	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1500	23	080876-3	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1510	23	080876-4	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1520	23	080876-5	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1530	23	080876-6	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1540	23	080876-11	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1550	23	080876-12	0.00000	0.00000	MUNRO TWP. ONTARIO, ABITIBI BELT
1560	24	T1-1	0.00000	0.00000	KARNATAKA, INDIA
1570	24	T1-2	0.00000	0.00000	KARNATAKA, INDIA
1580	24	T1-3	0.00000	0.00000	KARNATAKA, INDIA
1590	24	T1-4	0.00000	0.00000	KARNATAKA, INDIA
1600	24	T1-5	0.00000	0.00000	KARNATAKA, INDIA
1610	24	T1-6	0.00000	0.00000	KARNATAKA, INDIA
1620	24	T1-7	0.00000	0.00000	KARNATAKA, INDIA
1630	24	T1-8	0.00000	0.00000	KARNATAKA, INDIA
1640	27	P516-75	0.00000	0.00000	TISDALE TWP. ONTARIO, ABITIBI BELT
1650	27	P521-75	0.00000	0.00000	TISDALE TWP. ONTARIO, ABITIBI BELT
1660	27	P672-74	0.00000	0.00000	TISDALE TWP. ONTARIO, ABITIBI BELT
1670	27	P657-74	0.00000	0.00000	TISDALE TWP. ONTARIO, ABITIBI BELT
1680	27	P271-75	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1690	27	P274-75	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1700	27	P279-75	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1710	27	P547-75	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1720	27	P105-74	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1730	27	P66-76	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1740	27	P68-76	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1750	27	P597-73	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1760	27	T25-73	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1770	27	P546-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1780	27	P159-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1790	27	P149-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1800	27	P291-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1810	27	P1187-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1820	27	T15-73	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1830	27	P533-75	0.00000	0.00000	OGDEN TWP. ONTARIO, ABITIBI BELT
1840	27	P503-73	0.00000	0.00000	CARR TWP. ONTARIO, ABITIBI BELT
1850	27	P525-73	0.00000	0.00000	LANGMUIR TWP. ONTARIO, ABITIBI BELT
1860	27	P316-68	0.00000	0.00000	LANGMUIR TWP. ONTARIO, ABITIBI BELT
1870	27	P54-67	0.00000	0.00000	LANGMUIR TWP. ONTARIO, ABITIBI BELT
1880	27	T523-78	0.00000	0.00000	LANGMUIR TWP. ONTARIO, ABITIBI BELT
1890	27	T524-73	0.00000	0.00000	LANGMUIR TWP. ONTARIO, ABITIBI BELT
1900	27	P1170-75	0.00000	0.00000	ADAMS TWP. ONTARIO, ABITIBI BELT
1910	27	P69-69	0.00000	0.00000	ADAMS TWP. ONTARIO, ABITIBI BELT
1920	27	T65-73	0.00000	0.00000	ADAMS TWP. ONTARIO, ABITIBI BELT
1930	27	P653-74	0.00000	0.00000	WHITNEY TWP. ONTARIO, ABITIBI BELT
1940	27	P287-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1950	27	P1177-75	0.00000	0.00000	DELORO TWP. ONTARIO, ABITIBI BELT
1960	27	P1212-75	0.00000	0.00000	OGDEN TWP. ONTARIO, ABITIBI BELT
1970	27	P610-74	0.00000	0.00000	SHAW TWP. ONTARIO, ABITIBI BELT
1980	27	P1140-75	0.00000	0.00000	MOUNTJOY TWP. ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1990	27	P474-74	0.00000	0.00000	CARR TWP. ONTARIO, ABITIBI BELT
2000	27	P477-74	0.00000	0.00000	CARR TWP. ONTARIO, ABITIBI BELT
2010	27	P1174-75	0.00000	0.00000	ADAMS TWP. ONTARIO, ABITIBI BELT
2020	28	15384@30	0.00000	0.00000	THOMPSON BELT, MANITOBA
2030	28	583.4	0.00000	0.00000	THOMPSON BELT, MANITOBA
2040	28	588.3	0.00000	0.00000	THOMPSON BELT, MANITOBA
2050	28	592.9	0.00000	0.00000	THOMPSON BELT, MANITOBA
2060	28	619.3	0.00000	0.00000	THOMPSON BELT, MANITOBA
2070	28	626.5	0.00000	0.00000	THOMPSON BELT, MANITOBA
2080	28	642.7	0.00000	0.00000	THOMPSON BELT, MANITOBA
2090	28	760	0.00000	0.00000	THOMPSON BELT, MANITOBA
2100	28	772	0.00000	0.00000	THOMPSON BELT, MANITOBA
2110	28	780	0.00000	0.00000	THOMPSON BELT, MANITOBA
2120	28	790	0.00000	0.00000	THOMPSON BELT, MANITOBA
2130	28	799	0.00000	0.00000	THOMPSON BELT, MANITOBA
2140	28	810	0.00000	0.00000	THOMPSON BELT, MANITOBA
2150	28	820	0.00000	0.00000	THOMPSON BELT, MANITOBA
2160	28	830	0.00000	0.00000	THOMPSON BELT, MANITOBA
2170	28	840	0.00000	0.00000	THOMPSON BELT, MANITOBA
2180	28	850	0.00000	0.00000	THOMPSON BELT, MANITOBA
2190	28	860	0.00000	0.00000	THOMPSON BELT, MANITOBA
2200	28	870	0.00000	0.00000	THOMPSON BELT, MANITOBA
2210	28	880	0.00000	0.00000	THOMPSON BELT, MANITOBA
2220	28	890	0.00000	0.00000	THOMPSON BELT, MANITOBA
2230	28	900	0.00000	0.00000	THOMPSON BELT, MANITOBA
2240	28	910	0.00000	0.00000	THOMPSON BELT, MANITOBA
2250	28	920	0.00000	0.00000	THOMPSON BELT, MANITOBA
2260	28	930	0.00000	0.00000	THOMPSON BELT, MANITOBA
2270	28	585	0.00000	0.00000	THOMPSON BELT, MANITOBA
2280	28	581	0.00000	0.00000	THOMPSON BELT, MANITOBA
2290	28	595	0.00000	0.00000	THOMPSON BELT, MANITOBA
2300	28	600	0.00000	0.00000	THOMPSON BELT, MANITOBA
2310	28	607	0.00000	0.00000	THOMPSON BELT, MANITOBA
2320	28	622	0.00000	0.00000	THOMPSON BELT, MANITOBA
2330	28	620	0.00000	0.00000	THOMPSON BELT, MANITOBA
2340	28	637	0.00000	0.00000	THOMPSON BELT, MANITOBA
2350	28	652	0.00000	0.00000	THOMPSON BELT, MANITOBA
2360	28	660	0.00000	0.00000	THOMPSON BELT, MANITOBA
2370	28	667	0.00000	0.00000	THOMPSON BELT, MANITOBA
2380	28	680-1	0.00000	0.00000	THOMPSON BELT, MANITOBA
2390	28	680-2	0.00000	0.00000	THOMPSON BELT, MANITOBA
2400	28	690-1	0.00000	0.00000	THOMPSON BELT, MANITOBA
2410	28	690-2	0.00000	0.00000	THOMPSON BELT, MANITOBA
2420	28	697	0.00000	0.00000	THOMPSON BELT, MANITOBA
2430	28	710	0.00000	0.00000	THOMPSON BELT, MANITOBA
2440	28	706	0.00000	0.00000	THOMPSON BELT, MANITOBA
2450	28	717	0.00000	0.00000	THOMPSON BELT, MANITOBA

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
2460	28	720	0.00000	0.00000	THOMPSON BELT, MANITOBA
2470	28	284	0.00000	0.00000	THOMPSON BELT, MANITOBA
2480	28	294	0.00000	0.00000	THOMPSON BELT, MANITOBA
2490	28	315	0.00000	0.00000	THOMPSON BELT, MANITOBA
2500	28	335	0.00000	0.00000	THOMPSON BELT, MANITOBA
2510	28	355	0.00000	0.00000	THOMPSON BELT, MANITOBA
2520	28	365	0.00000	0.00000	THOMPSON BELT, MANITOBA
2530	28	373	0.00000	0.00000	THOMPSON BELT, MANITOBA
2540	28	385	0.00000	0.00000	THOMPSON BELT, MANITOBA
2550	28	399	0.00000	0.00000	THOMPSON BELT, MANITOBA
2560	28	415	0.00000	0.00000	THOMPSON BELT, MANITOBA
2570	28	435	0.00000	0.00000	THOMPSON BELT, MANITOBA
2580	28	445	0.00000	0.00000	THOMPSON BELT, MANITOBA
2590	28	455	0.00000	0.00000	THOMPSON BELT, MANITOBA
2600	28	485	0.00000	0.00000	THOMPSON BELT, MANITOBA
2610	28	495	0.00000	0.00000	THOMPSON BELT, MANITOBA
2620	150	84FWB-0008	52.93346 N	91.12370 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2630	150	84FWB-0009	52.93495 N	91.12721 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2640	150	84FWB-0014	52.88272 N	91.09335 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2650	150	84FWB-0015	52.87936 N	91.09201 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2660	150	84FWB-0017	52.90446 N	91.09804 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2670	150	84FWB-0018	52.90446 N	91.09804 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2680	150	84FWB-0023	52.86972 N	91.09615 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2690	150	84FWB-0024	52.87985 N	91.06613 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2700	150	84FWB-0035	52.88997 N	91.01454 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2710	150	84FWB-0044	52.93555 N	91.12436 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2720	150	84FWB-0081	52.97717 N	90.95604 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
2730	152	80RHS-0609	50.55222 N	88.91916 W	FLETCHER LAKE, ONTARIO, WABIGOON BELT
2740	152	80RHS-1111	50.53139 N	88.91443 W	FLETCHER LAKE, ONTARIO, WABIGOON BELT
2750	157	82RPS-0163	48.11610 N	84.61888 W	CORBIERE TWP., ONTARIO, ABITIBI BELT
2760	158	81MED-0098	50.95024 N	93.94666 W	BAIRD TWP., ONTARIO, ABITIB BELT
2770	158	81MED-0106	50.95934 N	93.93404 W	BAIRD TWP., ONTARIO, ABITIB BELT
2780	158	81MED-0121	50.97025 N	93.91858 W	BAIRD TWP., ONTARIO, ABITIB BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
2790	158	82MED-0008	50.96712 N	93.91710 W	BAIRD TWP., ONTARIO, ABITIB BELT
2800	158	82MED-0026	50.93659 N	93.94038 W	BAIRD TWP., ONTARIO, ABITIB BELT
2810	158	82MED-0031	50.94565 N	93.95796 W	BAIRD TWP., ONTARIO, ABITIB BELT
2820	158	82MED-0032	50.91425 N	93.94949 W	BAIRD TWP., ONTARIO, ABITIB BELT
2830	158	82MED-0039	50.96248 N	93.93480 W	BAIRD TWP., ONTARIO, ABITIB BELT
2840	158	82MED-0042	50.94882 N	93.94450 W	BAIRD TWP., ONTARIO, ABITIB BELT
2850	158	82MED-0043	50.96800 N	93.92894 W	BAIRD TWP., ONTARIO, ABITIB BELT
2860	158	82MED-0045	50.96222 N	93.93309 W	BAIRD TWP., ONTARIO, ABITIB BELT
2870	158	82MED-0046	50.97743 N	93.91959 W	BAIRD TWP., ONTARIO, ABITIB BELT
2880	158	82MED-0047	50.97934 N	93.91663 W	BAIRD TWP., ONTARIO, ABITIB BELT
2890	158	82MED-0048	50.98289 N	93.91100 W	BAIRD TWP., ONTARIO, ABITIB BELT
2900	159	80HNW-0231	51.03194 N	94.12527 W	TODD TWP., ONTARIO, UCHI BELT
2910	159	80HNW-0246	51.04027 N	94.12360 W	TODD TWP., ONTARIO, UCHI BELT
2920	159	80HNW-0507	51.03528 N	94.03610 W	TODD TWP., ONTARIO, UCHI BELT
2930	160	80HNW-0358	51.02443 N	94.19693 W	BALL TWP., ONTARIO, UCHI BELT
2940	160	80HNW-0331	51.02527 N	94.19110 W	BALL TWP., ONTARIO, UCHI BELT
2950	160	80HNW-0352	51.02472 N	94.20139 W	BALL TWP., ONTARIO, UCHI BELT
2960	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
2970	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
2980	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
2990	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
3000	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
3010	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
3020	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
3030	160	80HNW-0522	51.04639 N	94.18500 W	BALL TWP., ONTARIO, UCHI BELT
3040	160	80HNW-0602	51.03722 N	94.21167 W	BALL TWP., ONTARIO, UCHI BELT
3050	160	80HNW-0643	51.03638 N	94.18111 W	BALL TWP., ONTARIO, UCHI BELT
3060	160	83HNW-0032	54.03499 N	94.02089 W	BALL TWP., ONTARIO, UCHI BELT
3070	160	83HNW-0051	51.03302 N	94.23941 W	BALL TWP., ONTARIO, UCHI BELT
3080	162	84STM-0032	50.01389 N	79.70554 W	SUNDAY LAKE, ONTARIO, ABITIBI BELT
3090	162	84STM-0045	50.01389 N	79.70554 W	SUNDAY LAKE, ONTARIO, ABITIBI BELT
3100	163	84GMS-0007	48.84332 N	85.73666 W	WHITE LAKE, ONTARIO, ABITIBI BELT
3110	163	84GMS-0008	48.79332 N	85.67166 W	WHITE LAKE, ONTARIO, ABITIBI BELT
3120	163	84GMS-0015	48.80167 N	85.69167 W	WHITE LAKE, ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
3130	163	84GMS-0018	48.80167 N	85.71167 W	WHITE LAKE, ONTARIO, ABITIBI BELT
3140	163	84GMS-0021	48.78667 N	85.68166 W	WHITE LAKE, ONTARIO, ABITIBI BELT
3150	163	84GMS-0022	48.76833 N	85.62166 W	WHITE LAKE, ONTARIO, ABITIBI BELT
3160	164	76-7(4)125	50.42628 N	90.94167 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
3170	164	78-NT-377	50.00110 N	92.14917 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
3180	164	78-NT-81	50.00940 N	92.49277 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
3190	166	81NFT-0193	48.11777 N	79.64749 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
3200	167	82NFT-1333	48.59972 N	80.34444 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3210	167	83NFT-1018	48.59961 N	80.31038 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3220	167	83NFT-1063	48.60500 N	80.30110 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3230	167	83NFT-1118	48.60860 N	80.33536 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3240	167	83NFT-1137	48.57610 N	80.27361 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3250	167	83NFT-1140	48.57693 N	80.27527 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3260	167	83NFT-1149	48.58360 N	80.27499 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3270	167	83NFT-1152	48.59332 N	80.41750 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3280	167	83NFT-1158	48.59721 N	80.39360 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3290	167	83NFT-1228	48.62444 N	80.35750 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3300	167	83NFT-1230	48.62277 N	80.36443 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3310	167	83NFT-1231	48.62166 N	80.36388 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3320	167	83NFT1149D	48.58360 N	80.27499 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3330	167	83NFT1228D	48.62444 N	80.35750 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3340	167	84NFT-5037	47.95261 N	80.38217 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3350	167	84NFT-5070	48.15178 N	80.44742 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3360	167	84NFT-5092	48.18590 N	80.43158 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3370	167	84NFT-5190	48.43390 N	80.37204 W	BEATTY TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
3380	167	B4NFT-B001	48.00298 N	80.37755 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3390	167	B4NFT5037D	47.95261 N	80.38217 W	BEATTY TWP., ONTARIO, ABITIBI BELT
3400	168	B4NFT-0001	48.55498 N	80.79999 W	STOCK TWP., ONTARIO, ABITIBI BELT
3410	168	B4NFT-0002	48.55498 N	80.79999 W	STOCK TWP., ONTARIO, ABITIBI BELT
3420	168	B4NFT-0003	48.55498 N	80.79999 W	STOCK TWP., ONTARIO, ABITIBI BELT
3430	169	B0MWC-0045	48.84972 N	87.20166 W	PRISKE TWP., ONTARIO, ABITIBI BELT
3440	170	B4MWC-0034	48.49916 N	89.83221 W	HORNE TWP., ONTARIO, ABITIBI BELT
3450	171	B2RPS-0066	48.23166 N	84.48860 W	AGUONIE TWP., ONTARIO, ABITIBI BELT
3460	171	B2RPS0064D	48.21860 N	84.48111 W	AGUONIE TWP., ONTARIO, ABITIBI BELT
3470	172	B5NFT-0036	48.56140 N	86.50667 W	CARR TWP., ONTARIO, ABITIBI BELT
3480	173	B2MCJ-0074	49.08194 N	91.04332 W	LUMBY LK., ONTARIO, WABIGOON BELT
3490	173	B3MCJ-0640	49.06749 N	91.31250 W	NORWAY LAKE, ONTARIO, WABIGGON BELT
3500	173	B3MCJ-0935	49.06610 N	91.29639 W	NORWAY LAKE, ONTARIO, WABIGGON BELT
3510	175	EMM-19	49.27512 N	93.97115 W	KAWASHEGAMUK LK. ONTARIO, WABIGOON
3520	177	B3TLM-0706	48.70000 N	85.91666 W	BOMBAY TWP., ONTARIO, ABITIBI BELT
3530	177	B4TLM-1708	48.68971 N	85.97499 W	BOMBAY TWP., ONTARIO, ABITIBI BELT
3540	178	B1AGC-0069	48.32443 N	81.69867 W	DENTON TWP., ONTARIO, ABITIBI BELT
3550	178	B1AGC-0121	48.34055 N	81.62416 W	DENTON TWP., ONTARIO, ABITIBI BELT
3560	178	B1AGC-0122	48.34000 N	81.62360 W	DENTON TWP., ONTARIO, ABITIBI BELT
3570	178	B1AGC-0218	48.31[illegible]38 N	81.63860 W	DENTON TWP., ONTARIO, ABITIBI BELT
3580	178	B1AGC-0219	48.31682 N	81.64027 W	DENTON TWP., ONTARIO, ABITIBI BELT
3590	178	B1AGC-0400	48.33472 N	81.61166 W	DENTON TWP., ONTARIO, ABITIBI BELT
3600	178	B1AGC-0407	48.31458 N	81.63591 W	DENTON TWP., ONTARIO, ABITIBI BELT
3610	180	B1JCI-0206	50.42627 N	87.14081 W	HANOVER LAKE, ONTARIO, WABIGOON BELT
3620	181	B0AJA-0010	47.15833 N	79.75000 W	GILLES LIMIT, ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
3630	182	80AJA-0027	47.65833 N	80.72499 W	NICHOL TWP. ONTARIO,
3640	183	81AJA-0013	52.63332 N	90.41666 W	SKINNER LAKE, ONTARIO,
3650	184	81AJA-0036	52.79999 N	90.50000 W	AKOW LAKE, ONTARIO, SACHIGO BELT
3660	185	W79-50	48.08333 N	82.16666 W	PENHORWOOD TWP. ONTARIO, ABITIBI BELT
3670	185	W79-57	48.58333 N	82.08333 W	MUNRO TWP.,ONTARIO, ABITIBI BELT
3680	185	W79-58	48.58333 N	82.08333 W	MUNRO TWP.,ONTARIO, ABITIBI BELT
3690	185	W79-59	48.58333 N	82.08333 W	MUNRO TWP.,ONTARIO, ABITIBI BELT
3700	185	W79-61	48.58333 N	82.08333 W	MUNRO TWP.,ONTARIO, ABITIBI BELT
3710	185	W79-61-D	48.58333 N	82.08333 W	MUNRO TWP.,ONTARIO, ABITIBI BELT
3720	190	P219-79	47.68384 N	80.77762 W	HAULTAIN TWP., ONTARIO, ABITIBI BELT
3730	191	P228-79	47.70000 N	80.71100 W	NICOL TWP., ONTARIO, ABITIBI BELT
3740	192	84JNM-0036	48.54604 N	80.76967 W	STOCK TWP., ONTARIO, ABITIBI BELT
3750	192	84JNM-0046	48.54604 N	80.76967 W	STOCK TWP., ONTARIO, ABITIBI BELT
3760	192	84JNM-0048	48.54604 N	80.76967 W	STOCK TWP., ONTARIO, ABITIBI BELT
3770	194	P192-79	47.68350 N	80.86530 W	VAN HISE TWP., ONTARIO, ABITIBI BELT
3780	194	P193-79	47.68471 N	80.86821 W	VAN HISE TWP., ONTARIO, ABITIBI BELT
3790	195	7350252	48.66029 N	79.62889 W	MISTAKEN IS., ONTARIO, ABITIBI BELT
3800	196	C-463	48.79999 N	80.44666 W	CARNEGIE TWP., ONTARIO, ABITIBI BELT
3810	197	73J1864	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3820	197	73J1865	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3830	197	73J1889	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3840	197	73J1897	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3850	197	73J1899	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3860	197	73J1907	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3870	197	73J1911	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3880	197	73J1931	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
3890	197	73J1936	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3900	197	73J1948	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3910	197	73J1952	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3920	197	73J1954	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3930	197	73J1961	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3940	197	73J1964	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3950	197	73J1965	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3960	197	73J1966	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3970	197	73J1967	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3980	197	73J1970	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
3990	197	73J1971	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4000	197	73J1988	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4010	197	73J1989	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4020	197	73J1991	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4030	197	73J1992	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4040	197	73J1994	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4050	197	73J1999	48.00000 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
4060	198	73J1923	48.29999 N	80.00000 W	HARKER TWP., ONTARIO, ABITIBI BELT
4070	198	73S1136	48.50630 N	79.76666 W	HARKER TWP., ONTARIO, ABITIBI BELT
4080	199	73S1109	48.54144 N	79.93492 W	RAND TWP., ONTARIO, ABITIBI BELT
4090	200	74J1766	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4100	200	74J1775	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4110	200	74-1847	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4120	200	74-1853	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4130	200	74-1854	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
4140	200	74J0390	48.48039 N	80.19199 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4150	200	74J1552	48.00000 N	80.00000 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4160	200	74J1663	48.53182 N	80.23468 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4170	200	74J1666	48.53528 N	80.18382 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
4180	201	74J1769	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4190	201	74J1773	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4200	201	74J1782	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4210	201	74J1784	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4220	201	74J1785	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4230	201	74J1797	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4240	201	74J1829	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4250	201	74J1830	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4260	201	74J1835	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4270	201	74J1840	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4280	201	74J1841	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4290	201	74J1844	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4300	201	74-1878	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
4310	202	74G0508	48.28210 N	80.32896 W	BENOIT TWP., ONTARIO, ABITIBI BELT
4320	203	78J 13	48.13730 N	79.57570 W	MCGARRY TWP., ONTARIO, ABITIBI BELT
4330	203	78J 224	48.13730 N	79.57570 W	MCGARRY TWP., ONTARIO, ABITIBI BELT
4340	203	78J 981	48.10239 N	79.69829 W	MCGARRY TWP., ONTARIO, ABITIBI BELT
4350	203	74J1717	48.14183 N	80.57645 W	MCGARRY TWP., ONTARIO, ABITIBI BELT
4360	204	74J1756	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT
4370	204	74J1759	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT
4380	204	74J1760	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
4390	204	74J1762	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT
4400	204	74J1815	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT
4410	204	74J1824	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT
4420	205	76J1	48.08054 N	80.18849 W	EBY TWP., ONTARIO, ABITIBI BELT
4430	205	76J38	48.07036 N	80.15837 W	EBY TWP., ONTARIO, ABITIBI BELT
4440	205	76J40	48.07193 N	80.21581 W	EBY TWP., ONTARIO, ABITIBI BELT
4450	205	76J41	48.07216 N	80.15903 W	EBY TWP., ONTARIO, ABITIBI BELT
4460	205	76J293	48.09692 N	80.18268 W	EBY TWP., ONTARIO, ABITIBI BELT
4470	205	76J328	48.09919 N	80.16315 W	EBY TWP., ONTARIO, ABITIBI BELT
4480	205	76J344	48.09744 N	80.15916 W	EBY TWP., ONTARIO, ABITIBI BELT
4490	205	76J345	48.09593 N	80.16002 W	EBY TWP., ONTARIO, ABITIBI BELT
4500	205	76J360	48.09744 N	80.15778 W	EBY TWP., ONTARIO, ABITIBI BELT
4510	205	78J- 287	48.09050 N	80.20810 W	EBY TWP., ONTARIO, ABITIBI BELT
4520	205	81LSJ-0322	48.09717 N	80.17676 W	EBY TWP., ONTARIO, ABITIBI BELT
4530	206	76J1160	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
4540	206	76J1205	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
4550	207	76J1255	47.00000 N	79.00000 W	BAYLEY TWP., ONTARIO, ABITIBI BELT
4560	208	76J404	48.00000 N	80.50000 W	OTTO TWP., ONTARIO, ABITIBI BELT
4570	208	76J407	48.10052 N	80.13077 W	OTTO TWP., ONTARIO, ABITIBI BELT
4580	208	76J412	48.10045 N	80.13013 W	OTTO TWP., ONTARIO, ABITIBI BELT
4590	208	76J434	48.09885 N	80.10789 W	OTTO TWP., ONTARIO, ABITIBI BELT
4600	208	76J450	48.09399 N	80.11224 W	OTTO TWP., ONTARIO, ABITIBI BELT
4610	208	76J456	48.09090 N	80.11368 W	OTTO TWP., ONTARIO, ABITIBI BELT
4620	208	76J496	48.07494 N	80.13455 W	OTTO TWP., ONTARIO, ABITIBI BELT
4630	208	79J02	48.09293 N	80.10242 W	OTTO TWP., ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
4640	208	79J03	48.09293 N	80.10242 W	OTTO TWP., ONTARIO, ABITIBI BELT
4650	209	76J424	48.10193 N	80.11258 W	TECK TWP., ONTARIO, ABITIBI BELT
4660	209	B1LSJ-0080	48.11307 N	80.09210 W	TECK TWP., ONTARIO, ABITIBI BELT
4670	209	B1LSJ-0084	48.11316 N	80.09242 W	TECK TWP., ONTARIO, ABITIBI BELT
4680	209	B1LSJ-0091	48.11331 N	80.09299 W	TECK TWP., ONTARIO, ABITIBI BELT
4690	209	B1LSJ-0120	48.11258 N	80.09328 W	TECK TWP., ONTARIO, ABITIBI BELT
4700	209	B1LSJ-0126	48.11281 N	80.09351 W	TECK TWP., ONTARIO, ABITIBI BELT
4710	209	B1LSJ-0139	48.11440 N	80.09093 W	TECK TWP., ONTARIO, ABITIBI BELT
4720	209	B1LSJ-0181	48.11127 N	80.09293 W	TECK TWP., ONTARIO, ABITIBI BELT
4730	209	B1LSJ-0183	48.11128 N	80.09296 W	TECK TWP., ONTARIO, ABITIBI BELT
4740	209	B1LSJ-0195	48.11133 N	80.09322 W	TECK TWP., ONTARIO, ABITIBI BELT
4750	209	B1LSJ-0196	48.11134 N	80.09325 W	TECK TWP., ONTARIO, ABITIBI BELT
4760	209	B1LSJ-0203	48.11137 N	80.09338 W	TECK TWP., ONTARIO, ABITIBI BELT
4770	209	B1LSJ-0218	48.11143 N	80.09370 W	TECK TWP., ONTARIO, ABITIBI BELT
4780	209	B1LSJ-0237	48.11096 N	80.09494 W	TECK TWP., ONTARIO, ABITIBI BELT
4790	209	B1LSJ-0250	48.11113 N	80.09528 W	TECK TWP., ONTARIO, ABITIBI BELT
4800	209	B1LSJ0181D	48.11127 N	80.09293 W	TECK TWP., ONTARIO, ABITIBI BELT
4810	209	B1LSJ0250D	48.11113 N	80.09528 W	TECK TWP., ONTARIO, ABITIBI BELT
4820	209	B1LSJ0372D	48.12024 N	80.12369 W	TECK TWP., ONTARIO, ABITIBI BELT
4830	210	C-437	48.79999 N	80.33582 W	PROSSER TWP., ONTARIO, ABITIBI BELT
4840	210	C-437D	48.79999 N	80.33582 W	PROSSER TWP., ONTARIO, ABITIBI BELT
4850	211	C-479	48.73059 N	80.44666 W	KIDD TWP., ONTARIO ABITIBI BELT
4860	211	C-481	48.73059 N	80.44666 W	KIDD TWP., ONTARIO ABITIBI BELT
4870	211	C-484	48.73059 N	80.44666 W	KIDD TWP., ONTARIO ABITIBI BELT
4880	211	C-496	48.73059 N	80.44666 W	KIDD TWP., ONTARIO ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
4890	211	C-498	48.73059 N	80.44666 W	KIDD TWP., ONTARIO ABITIBI BELT
4900	211	C-522	48.73059 N	80.44666 W	KIDD TWP., ONTARIO ABITIBI BELT
4910	213	78J 436	48.11629 N	79.67310 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4920	213	78J 462	48.11649 N	79.67049 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4930	213	78J 472D	48.11649 N	79.67049 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4940	213	78J 524	48.11800 N	79.68979 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4950	213	78J 528	48.11800 N	79.68979 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4960	213	78J 529	48.11800 N	79.68979 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4970	213	78J 544	48.11800 N	79.68709 W	MCVITTIE TWP., ONTARIO, ABITIBI BELT
4980	214	C-436	48.73059 N	80.33582 W	WARK TWP., ONTARIO, ABITIBI BELT
4990	215	78J 627	48.08659 N	79.70049 W	HEARST TWP., ONTARIO, ABITIBI BELT
5000	215	78J 647	48.07249 N	79.69809 W	HEARST TWP., ONTARIO, ABITIBI BELT
5010	215	78J 652	48.06090 N	79.70139 W	HEARST TWP., ONTARIO, ABITIBI BELT
5020	215	78J 657	48.06209 N	79.70079 W	HEARST TWP., ONTARIO, ABITIBI BELT
5030	215	78J 682	48.05399 N	79.68109 W	HEARST TWP., ONTARIO, ABITIBI BELT
5040	215	78J 713	48.05620 N	79.67740 W	HEARST TWP., ONTARIO, ABITIBI BELT
5050	215	78J 717	48.05800 N	79.67690 W	HEARST TWP., ONTARIO, ABITIBI BELT
5060	215	78J 729	48.06229 N	79.67909 W	HEARST TWP., ONTARIO, ABITIBI BELT
5070	215	78J 732	48.06720 N	79.67690 W	HEARST TWP., ONTARIO, ABITIBI BELT
5080	215	78J 743	48.06960 N	79.68169 W	HEARST TWP., ONTARIO, ABITIBI BELT
5090	215	78J 773	48.09650 N	79.67149 W	HEARST TWP., ONTARIO, ABITIBI BELT
5100	215	78J 777	48.09709 N	79.67479 W	HEARST TWP., ONTARIO, ABITIBI BELT
5110	215	78J 829	48.06479 N	79.63460 W	HEARST TWP., ONTARIO, ABITIBI BELT
5120	215	78J 856	48.06909 N	79.63329 W	HEARST TWP., ONTARIO, ABITIBI BELT
5130	216	78J 723	48.07610 N	79.91449 W	BOSTON TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
5140	216	79J17	48.01697 N	79.91597 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5150	216	79J18	48.01697 N	79.91595 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5160	216	79J19	48.01698 N	79.91594 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5170	216	79J20	48.10699 N	79.91594 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5180	216	79J21	48.10701 N	79.91591 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5190	216	79J29	48.10709 N	79.91585 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5200	216	79J30	48.10709 N	79.91585 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5210	216	83LSJ-1008	48.02373 N	80.00871 W	BOSTON TWP., ONTARIO, ABITIBI BELT
5220	217	78J 846	48.06189 N	79.61600 W	MCFADDEN TWP., ONTARIO, ABITIBI BELT
5230	218	81PCT-0135	47.58499 N	79.51599 W	CATHARINE TWP., ONTARIO, ABITIBI BELT
5240	220	81PCT-0242	48.11899 N	81.12700 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5250	220	81PCT-0243	48.12199 N	81.12700 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5260	220	81PCT-0244	48.12199 N	81.12700 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5270	220	81PCT-0245	48.12199 N	81.12700 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5280	220	81PCT-0246	48.12500 N	81.12700 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5290	220	81PCT-0247	48.12500 N	81.12799 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5300	220	81PCT-0248	48.12599 N	81.12799 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5310	220	81PCT-0249	48.12700 N	81.12799 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5320	220	81PCT-0252	48.12099 N	81.12599 W	MCARTHUR TWP., ONTARIO, ABITIBI BELT
5330	221	82PCT-0024	48.61749 N	79.59166 W	MISTAKEN IS., ONTARIO, ABITIBI BELT
5340	221	82PCT-0025	48.61908 N	79.59999 W	MISTAKEN IS., ONTARIO, ABITIBI BELT
5350	222	84ECS-0117	47.11458 N	84.18649 W	DAVIEUX TWP., ONTARIO, ABITIBI BELT
5360	224	81PCT-0187	48.25699 N	81.10500 W	SHAW TWP., ONTARIO, ABITIBI BELT
5370	185	78-4051	48.62500 N	80.68332 W	DUNDONALD TWP., ONTARIO, ABITIBI BELT
5380	185	78-4053	48.62500 N	80.68332 W	CLERGUE TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
5390	185	78-4054	48.62500 N	80.68332 W	CLERGUE TWP., ONTARIO, ABITIBI BELT
5400	185	78-4055	48.62500 N	80.68332 W	CLERGUE TWP., ONTARIO, ABITIBI BELT
5410	228	78-4126	51.14943 N	91.36971 W	FRY LAKE, ONTARIO, UCHI BELT
5420	230	78-2924	51.09528 N	93.82332 W	DOME TWP., ONTARIO, UCHI BELT
5430	231	78-2940	51.08360 N	93.67456 W	BALMER TWP., ONTARIO, UCHI BELT
5440	231	78-2941	51.08360 N	93.67456 W	BALMER TWP., ONTARIO, UCHI BELT
5450	231	78-2956	51.05968 N	93.73343 W	BALMER TWP., ONTARIO, UCHI BELT
5460	232	79D1601	48.13777 N	79.59389 W	STOUGHTON TWP., ONTAIO, ABITIBI BELT
5470	232	79D3913	48.11806 N	79.59000 W	STOUGHTON TWP., ONTAIO, ABITIBI BELT
5480	233	79PR-260	50.99222 N	93.87941 W	HEYSON TWP., ONTARIO, UCHI BELT
5490	234	P-183-68	48.28000 N	81.00000 W	LANGMUIR TWP., ONTARIO, ABITIBI BELT
5500	234	P-317-68	48.28000 N	81.00000 W	LANGMUIR TWP., ONTARIO, ABITIBI BELT
5510	234	P-35-67	48.28000 N	81.00000 W	LANGMUIR TWP., ONTARIO, ABITIBI BELT
5520	235	P-2-72	48.09999 N	81.09999 W	GEIKIE, MUSGROVE, MCARTHUR TWPS, ONTARIO
5530	236	P-209-76	47.50000 N	82.00000 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5540	236	P-536-77	48.53329 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5550	236	P-536-77D	48.53329 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5560	236	P-618-77	48.16660 N	81.00000 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5570	236	C-337-78	48.73329 N	81.20000 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5580	236	C-338-78	48.73329 N	81.20000 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5590	236	P-897-75	47.92296 N	80.72678 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5600	236	P-903-75	47.92268 N	80.73106 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
5610	237	P-74-77	48.00000 N	80.58333 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
5620	237	P-289-77	47.99443 N	80.75212 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
5630	237	BM3-392.6	48.66660 N	81.16666 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
5640	237	BM4-295.2	48.66660 N	81.16666 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
5650	237	P-397-77	48.43329 N	80.53333 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
5660	237	P-703-77	47.83330 N	82.33333 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
5670	237	P-704-77	47.83330 N	82.33333 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
5680	238	P-159-78	48.75000 N	81.23332 W	SHAW TWP. ONTARIO, ABITIBI BELT
5690	238	P-160-78	48.75000 N	81.23332 W	SHAW TWP. ONTARIO, ABITIBI BELT
5700	238	P-10-78	47.95284 N	80.60196 W	SHAW TWP. ONTARIO, ABITIBI BELT
5710	238	P-30-78	47.94615 N	80.68466 W	SHAW TWP. ONTARIO, ABITIBI BELT
5720	239	P-444-75	48.53329 N	81.14999 W	WHITNEY TWP., ONTARIO, ABITIBI BELT
5730	240	P-442-75	48.54999 N	81.07500 W	MATHESON TWP., ONTARIO, ABITIBI BELT
5740	241	P-384-75	45.79999 N	81.01669 W	MURSEY TWP., ONTARIO, ABITIBI BELT
5750	241	P-386-75	45.79999 N	81.01669 W	MURSEY TWP., ONTARIO, ABITIBI BELT
5760	242	P-358-75	48.65829 N	80.81670 W	DUNDONALD TWP., ONTARIO, ABITIBI BELT
5770	244	0	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5780	244	1	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5790	244	3	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5800	244	4	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5810	244	5	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5820	244	6	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5830	244	7	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5840	244	8	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5850	244	9	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5860	244	10	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5870	244	11	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5880	244	12	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5890	244	13	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
5900	244	14	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5910	244	15	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5920	244	18	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5930	244	20	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5940	244	21	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5950	244	22	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5960	244	24	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT
5970	29	75040003C	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
5980	29	75040006	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
5990	29	75040019F	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6000	29	75040019H	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6010	29	75040020	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6020	29	75040023	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6030	29	45065	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6040	29	45076	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6050	29	75040028A	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6060	29	75040028B	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6070	29	75040029G	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6080	29	75040030	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6090	29	75040034C	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6100	29	75040034D	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6110	29	75040034E	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6120	29	75040034F	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6130	29	75040035	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6140	29	75040047A	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
6150	29	75040057A	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6160	29	75040057B	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6170	29	75040092	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6180	29	45158	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6190	29	45173	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6200	29	75040078A	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6210	29	75040078E	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6220	29	49226	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6230	29	49241	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6240	29	49242	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6250	29	49327	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6260	29	49328	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6270	29	49329	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6280	29	49330	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6290	29	49331	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6300	29	49332	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6310	29	49334	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6320	29	49335	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6330	29	75049366	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6340	29	75049367	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6350	29	75049381	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6360	29	75049385	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6370	29	75049343	0.00000	0.00000	WESTERN AUSTRALIA, E. PILBARA BLOCK
6380	3	P9-120	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6390	3	P9-191	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
6400	3	P9-118	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6410	3	P9-168	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6420	3	P9-137	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6430	3	P9-117	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6440	3	P9-136	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6450	3	P9-119	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6460	3	P9-169	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6470	3	P9-215	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6480	3	P9-190	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6490	3	P9-216	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6500	3	P9-213	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6510	3	P9-214	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6520	3	P9-229	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6530	3	P9-217	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6540	3	P9-218	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6550	3	P9-219	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6560	3	P9-221	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6570	3	P9-222	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6580	3	P9-231	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6590	3	P9-115	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6600	3	P9-138	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6610	3	P9-116	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6620	3	P9-194	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6630	3	P9-193	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6640	3	P9-130	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
6650	3	P9-228	0.00000	0.00000	MUNRO TWP, ONTARIO, ARITIBI BELT
6660	3	P9-151	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6670	3	P9-200	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6680	3	P9-189	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6690	3	P9-141	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6700	3	P9-199	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6710	3	P9-198	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6720	3	P9-103	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6730	3	P9-102	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6740	3	P9-142	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6750	3	P9-156	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6760	3	P9-207	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6770	3	P9-125	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6780	3	P9-162	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6790	3	P9-163	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6800	3	P9-164	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6810	3	P9-165	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6820	4	C68	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6830	4	C18	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6840	4	C18	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6850	4	C18	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6860	4	C18	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6870	4	M620	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6880	4	C17	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6890	4	M625	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
6900	4	C37	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6910	4	M614	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6920	4	M622	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6930	4	C11	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
6940	5	1	0.00000	0.00000	FINLAND
6950	5	2	0.00000	0.00000	FINLAND
6960	5	3	0.00000	0.00000	FINLAND
6970	5	4	0.00000	0.00000	FINLAND
6980	5	5	0.00000	0.00000	FINLAND
6990	6	1	0.00000	0.00000	VERMILLION DISTRICT, MINNESOTA
7000	6	2	0.00000	0.00000	VERMILLION DISTRICT, MINNESOTA
7010	7	P9-223	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
7020	7	P9-187	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
7030	7	P9-111	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
7040	7	P9-160	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
7050	8	1	0.00000	0.00000	ABITIBI GRFENSTONE BELT, QUEBEC
7060	8	2	0.00000	0.00000	ABITIBI GREENSTONE BELT, QUEBEC
7070	8	5	0.00000	0.00000	ABITIBI GREENSTONE BELT, QUEBEC
7080	8	7	0.00000	0.00000	ABITIBI GREENSTONE BELT, QUEBEC
7090	9	HSS-88C	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7100	9	HSS-88A	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7110	9	HSS-95	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7120	9	HSS-90	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7130	9	HSS-89	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7140	9	HSS-523	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7150	9	HSS-87	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7160	9	HSS-14	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7170	9	HSS-109	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7180	9	HSS-150	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
7190	9	HSS-88B	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7200	9	HSS-93	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7210	9	HSS-8	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7220	9	HSS-13	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7230	9	HSS-92	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7240	9	HSS-27	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7250	9	HSS-31	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7260	9	HSS-33	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7270	9	HSS-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7280	9	HSS-28	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7290	30	PE4	0.00000	0.00000	ROQUEMAURE TWP, ABITIBI WEST COUNTY
7300	30	PE6	0.00000	0.00000	ROQUEMAURE TWP, ABITIBI WEST COUNTY
7310	30	PE18	0.00000	0.00000	ROQUEMAURE TWP, ABITIBI WEST COUNTY
7320	30	E19	0.00000	0.00000	ROQUEMAURE TWP, ABITIBI WEST COUNTY
7330	31	1	0.00000	0.00000	MEEKATHARRA AREA, WESTERN AUSTRALIA
7340	31	2	0.00000	0.00000	MEEKATHARRA AREA, WESTERN AUSTRALIA
7350	31	3	0.00000	0.00000	MEEKATHARRA AREA, WESTERN AUSTRALIA
7360	31	4	0.00000	0.00000	MEEKATHARRA AREA, WESTERN AUSTRALIA
7370	31	16	0.00000	0.00000	MEEKATHARRA AREA, WESTERN AUSTRALIA
7380	32	VW37-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7390	32	VW37-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7400	32	VW37-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7410	32	VW37-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7420	32	VW43-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7430	32	VW43-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
7440	32	VV43-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7450	32	VV43-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7460	33	64032	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7470	33	64033	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7480	33	64034	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7490	33	64031	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7500	33	64466	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7510	33	63855	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7520	33	63865	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7530	33	63862	0.00000	0.00000	YAKABINDIE, WESTERN AUSTRALIA
7540	34	234	0.00000	0.00000	WESTERN AUSTRALIA
7550	34	253	0.00000	0.00000	WESTERN AUSTRALIA
7560	34	272	0.00000	0.00000	WESTERN AUSTRALIA
7570	34	375	0.00000	0.00000	WESTERN AUSTRALIA
7580	34	376	0.00000	0.00000	WESTERN AUSTRALIA
7590	34	377	0.00000	0.00000	WESTERN AUSTRALIA
7600	34	201	0.00000	0.00000	WESTERN AUSTRALIA
7610	34	204	0.00000	0.00000	WESTERN AUSTRALIA
7620	34	373	0.00000	0.00000	WESTERN AUSTRALIA
7630	34	374	0.00000	0.00000	WESTERN AUSTRALIA
7640	34	388	0.00000	0.00000	WESTERN AUSTRALIA
7650	34	389	0.00000	0.00000	WESTERN AUSTRALIA
7660	34	391	0.00000	0.00000	WESTERN AUSTRALIA
7670	34	108	0.00000	0.00000	WESTERN AUSTRALIA
7680	34	170	0.00000	0.00000	WESTERN AUSTRALIA
7690	34	171	0.00000	0.00000	WESTERN AUSTRALIA
7700	34	172	0.00000	0.00000	WESTERN AUSTRALIA
7710	34	180	0.00000	0.00000	WESTERN AUSTRALIA
7720	34	39	0.00000	0.00000	WESTERN AUSTRALIA
7730	34	41	0.00000	0.00000	WESTERN AUSTRALIA
7740	34	56	0.00000	0.00000	WESTERN AUSTRALIA
7750	34	57	0.00000	0.00000	WESTERN AUSTRALIA
7760	34	115	0.00000	0.00000	WESTERN AUSTRALIA
7770	34	117	0.00000	0.00000	WESTERN AUSTRALIA
7780	34	150	0.00000	0.00000	WESTERN AUSTRALIA
7790	34	151	0.00000	0.00000	WESTERN AUSTRALIA
7800	34	106	0.00000	0.00000	WESTERN AUSTRALIA
7810	34	98	0.00000	0.00000	WESTERN AUSTRALIA
7820	34	54	0.00000	0.00000	WESTERN AUSTRALIA
7830	34	99	0.00000	0.00000	WESTERN AUSTRALIA
7840	34	153	0.00000	0.00000	WESTERN AUSTRALIA
7850	34	164	0.00000	0.00000	WESTERN AUSTRALIA
7860	34	59	0.00000	0.00000	WESTERN AUSTRALIA
7870	34	55	0.00000	0.00000	WESTERN AUSTRALIA
7880	35	VV72-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7890	35	VV72-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
7900	35	VV72-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7910	35	VV74-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7920	35	VV74-7	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7930	35	VV74-9	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7940	35	VV75-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7950	35	VV75-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7960	35	VV75-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7970	35	VV75-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7980	35	VV75-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
7990	35	VV76-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8000	35	VV76-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8010	35	VV76-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8020	35	VV76-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8030	35	VV76-6	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8040	35	VV76-9	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8050	35	VV76-10	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8060	36	B89	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8070	36	B56	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8080	36	B99	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8090	36	B78	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8100	36	B89	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8110	36	B56	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8120	36	B99	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8130	36	B78	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8140	37	T1.1	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8150	37	T1.2	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
8160	37	T1.3	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8170	37	T1.4	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8180	37	T1.5	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8190	37	T1.6	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8200	37	T1.7	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8210	37	T1.8	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8220	37	T1.9	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8230	37	T1.10	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8240	37	T1.11	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8250	37	T2.12	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8260	37	T2.13	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8270	37	T2.14	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8280	37	T2.15	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8290	37	T2.16	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8300	37	T2.17	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8310	37	T2.18	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8320	37	T2.19	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8330	37	T2.20	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8340	37	T2.21	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8350	37	T2.22	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8360	37	T3.23	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8370	37	T3.24	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8380	37	T3.25	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8390	37	T3.26	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8400	37	T4.31	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8410	37	T4.32	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8420	37	T4.33	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8430	37	T4.34	0.00000	0.00000	KUMMITSOIVA COMPLEX, FINLAND
8440	38	VV92-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8450	38	VV92-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8460	38	VV92-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8470	38	VV92-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8480	38	VV92-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8490	38	VV92-6	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8500	39	VV144-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8510	39	VV146-6	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8520	39	VV146-7	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8530	39	VV148-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8540	39	VV148-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
8550	39	VV148-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8560	39	VV148-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8570	39	VV148-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8580	39	VV148-6	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8590	40	MSS-531	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8600	40	MSS-532	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8610	40	MSS-533	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8620	40	MSS-534	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8630	40	MSS-535	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8640	40	MSS-530	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
8650	41	1	0.00000	0.00000	DHARWAR, INDIA
8660	41	3	0.00000	0.00000	DHARWAR, INDIA
8670	41	4	0.00000	0.00000	DHARWAR, INDIA
8680	41	5	0.00000	0.00000	DHARWAR, INDIA
8690	41	7	0.00000	0.00000	DHARWAR, INDIA
8700	41	8	0.00000	0.00000	DHARWAR, INDIA
8710	41	9	0.00000	0.00000	DHARWAR, INDIA
8720	41	11	0.00000	0.00000	DHARWAR, INDIA
8730	41	12	0.00000	0.00000	DHARWAR, INDIA
8740	41	17	0.00000	0.00000	DHARWAR, INDIA
8750	41	19	0.00000	0.00000	DHARWAR, INDIA
8760	41	24	0.00000	0.00000	DHARWAR, INDIA
8770	41	25	0.00000	0.00000	DHARWAR, INDIA
8780	41	27	0.00000	0.00000	DHARWAR, INDIA
8790	41	28	0.00000	0.00000	DHARWAR, INDIA
8800	41	30	0.00000	0.00000	DHARWAR, INDIA
8810	41	31	0.00000	0.00000	DHARWAR, INDIA
8820	41	33	0.00000	0.00000	DHARWAR, INDIA
8830	41	34	0.00000	0.00000	DHARWAR, INDIA
8840	41	2	0.00000	0.00000	DHARWAR, INDIA
8850	41	6	0.00000	0.00000	DHARWAR, INDIA
8860	41	13	0.00000	0.00000	DHARWAR, INDIA
8870	41	14	0.00000	0.00000	DHARWAR, INDIA
8880	41	18	0.00000	0.00000	DHARWAR, INDIA
8890	41	20	0.00000	0.00000	DHARWAR, INDIA
8900	41	10	0.00000	0.00000	DHARWAR, INDIA
8910	41	15	0.00000	0.00000	DHARWAR, INDIA
8920	41	16	0.00000	0.00000	DHARWAR, INDIA
8930	41	22	0.00000	0.00000	DHARWAR, INDIA
8940	42	T3 MG152	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA

UNIQUE REF NUMBER KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
8950 42	T3 MG7618	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
8960 42	T3 MG7626	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
8970 42	T3 MG7619	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
8980 42	T3 MG7623	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
8990 42	T3 MG7632	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9000 42	T3 MG7617	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9010 42	T3 MG7627	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9020 42	T3 MG157	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9030 42	T3 MG212	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9040 42	T3 MG7630	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9050 42	T3 MG7622	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9060 42	T3 MG7620	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9070 42	T3 MG7631	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9080 42	T3 MG7639	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9090 42	T3 MG7629	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9100 42	T3 MG7624	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9110 42	T3 MG7638	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9120 42	T3 MG7625	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9130 42	T3 MG7628	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9140 42	T3 MG199	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9150 42	T3 AT7	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9160 42	T3 MG7621	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9170 42	T3 MG219	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9180 42	T3 B4	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9190 42	T3 SF134	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
9200	42	T3 MG4	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9210	42	T3 BL9	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9220	42	T3 MG162 N	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9230	42	T3 AT9	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9240	42	T3 MG124	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
9250	43	T3.5	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9260	43	T4.1	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9270	43	T4.2	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9280	43	T4.3	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9290	43	T4.4	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9300	43	T4.6	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9310	43	T4.7	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9320	43	T4.8	0.00000	0.00000	SCOTIA, WESTERN AUSTRALIA
9330	45	14	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9340	45	16	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9350	45	17	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9360	45	18	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9370	45	19	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9380	45	224	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9390	45	226	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9400	45	228	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9410	45	230	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9420	45	232	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9430	45	264	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9440	45	266	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9450	45	268	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9460	45	62	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9470	45	64	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9480	45	66	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
9490	45	69	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9500	45	120	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9510	45	124	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9520	45	129	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9530	45	138	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9540	45	140	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9550	45	145	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9560	45	153	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9570	45	247	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9580	45	248	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9590	45	252	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9600	45	254	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9610	45	255	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9620	45	256	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9630	45	258	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9640	45	259	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9650	45	260	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9660	45	262	0.00000	0.00000	MCARTHUR TWP. ONTARIO, ABITIBI BELT
9670	46	MDF-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9680	46	MDF-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9690	46	MDF-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9700	46	MDF-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9710	46	MDF-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9720	46	MDF-6	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9730	46	MDF-7	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
9740	46	MDF-8	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9750	46	MDF-9	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9760	46	MDF-10	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9770	46	MF-7	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9780	46	MF-6	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9790	46	MF-5	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9800	46	MF-4	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9810	46	MF-3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9820	46	MF-2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9830	46	MF-1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9840	46	MF-CM	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9850	46	SC-6A	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9860	46	MSS-C1	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9870	46	SC-6B	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9880	46	MSS-C2	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9890	46	SC-6C	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9900	46	MSS-C3	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
9910	47	18-72-215	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9920	47	18-72-216	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9930	47	18-72-217	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9940	47	18-72-218	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9950	47	18-72-220	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9960	47	18-72-230	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9970	47	18-72-413	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9980	47	18-72-457	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
9990	47	18-72-306	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
10000	47	18-72-307	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
10010	47	18-72-311	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
10020	47	18-72-342	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
10030	47	18-72-357	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
10040	47	18-72-471	0.00000	0.00000	OSPAWAGON LAKE, MANITOBA
10050	48	MC0197	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
10060 48	MC0042	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10070 48	MC0018	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10080 48	MC0019	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10090 48	MC0015	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10100 48	MC0011	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10110 48	MC0103	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10120 48	MC0003	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10130 48	MC0002	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10140 48	MC0056	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10150 48	MC0062	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10160 48	MC0064	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10170 48	MC0065	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10180 49	P10-001	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10190 49	P10-002	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10200 49	P10-004	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10210 49	P10-005	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10220 49	P10-006	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10230 49	P10-007	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10240 49	P10-008	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10250 49	P10-009	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10260 49	P10-010	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10270 49	P10-011	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10280 49	P10-012	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10290 49	P10-013	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10300 49	P10-014	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
10310	49	P10-015	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10320	49	P10-017	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10330	49	P10-018	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10340	49	P10-019	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10350	49	P10-020	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10360	49	P10-021	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10370	49	P10-022	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10380	49	P01-023	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10390	49	P10-024	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10400	49	P10-025	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10410	49	P10-026	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10420	49	P10-027	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10430	50	T.1 1	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10440	50	T.1 2	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10450	51	V-53	0.00000	0.00000	WAWA ONTARIO, ABITIBI BELT
10460	52	MS-1	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10470	53	49J	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10480	55	T.1- 8	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10490	55	T.1- 9	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10500	55	T.1-10	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10510	55	T.1-11	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10520	56	2040	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10530	56	2041	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10540	56	2048	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10550	56	2050	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10560	56	2053	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
10570	56	2057	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10580	56	2058-B3	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10590	56	2059	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10600	56	2060	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10610	56	2061	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10620	56	2062B	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10630	56	2065	49.00000 N	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
10640	56	PK-1	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10650	56	PK-2	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10660	56	PK-3	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10670	56	V-2	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10680	56	VU-30A	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10690	56	VU-32A	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10700	56	AU-5	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
10710	57	2025	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10720	57	2026	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10730	57	2027	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10740	57	2096	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10750	57	2097	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10760	57	2109	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10770	57	2117	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10780	57	2121	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10790	57	2212	0.00000	0.00000	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10800	58	1	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10810	58	2	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
10820	58	3	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10830	58	4	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10840	58	5	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10850	58	6	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10860	58	7	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10870	58	8	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10880	58	9	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10890	58	10	48.00000 N	78.00000 W	LAMOTTE TWP, QUEBEC, ABITIBI BELT
10900	59	KJ 8	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10910	59	KJ 9	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10920	59	KJ 10	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10930	59	KJ 13	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10940	59	V 40	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10950	59	K 38	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10960	59	KJ 52	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10970	59	AU 21	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10980	59	KR 45	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
10990	59	KJ 51	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
11000	59	KR 20	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
11010	59	KR 23	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
11020	59	KR 13	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
11030	60	T.1-K	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
11040	61	A-27	26.00000 S	31.00000 E	SOUTH AFRICA
11050	61	BK-2	26.00000 S	31.00000 E	SOUTH AFRICA
11060	61	BK-3	26.00000 S	31.00000 E	SOUTH AFRICA
11070	61	BK-4	26.00000 S	31.00000 E	SOUTH AFRICA
11080	61	DN-3	26.00000 S	31.00000 E	SOUTH AFRICA
11090	62	T.2B- 3	26.00000 S	31.00000 E	SOUTH AFRICA

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
11100	62	T.2B- 5	26.00000 S	31.00000 E	SOUTH AFRICA
11110	62	T.2B-11	26.00000 S	31.00000 E	SOUTH AFRICA
11120	63	M 113	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
11130	63	M 118	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
11140	63	M 124	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
11150	63	M 356	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
11160	63	M 369	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
11170	63	M 141	0.00000	0.00000	MCCOOL TWP, ONTARIO, ABITIBI BELT
11180	63	M 142	0.00000	0.00000	MCCOOL TWP, ONTARIO, ABITIBI BELT
11190	63	M 143	0.00000	0.00000	MCCOOL TWP, ONTARIO, ABITIBI BELT
11200	63	M 162	0.00000	0.00000	MCCOOL TWP, ONTARIO, ABITIBI BELT
11210	63	M 166	0.00000	0.00000	MCCOOL TWP, ONTARIO, ABITIBI BELT

EXT2.TBL -- Table 2

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
10 HARZBURGITE	VOLC	SERPENTINIZED, OLIVINE CUMULATE	SCHAPENBURG GREENSTONE	N
20 PERIDOTITIC KOM	VOLC	SPINIFEX	SCHAPENBURG GREENSTONE	Y
30 HI MAG BASALT	VOLC	KOMATIITIC	SCHAPENBURG GREENSTONE	Y
40 HI MAG BASALT	VOLC	KOMATIITIC	SCHAPENBURG GREENSTONE	Y
50 BASALTIC KOM	FLOW	SERPENTINIZED	WELSHOOGTE SCHIST BELT	Y
60 BASALTIC KOM	FLOW	SERPENTINIZED	WELSHOOGTE SCHIST BELT	Y
70 PERIDOTITIC KOM	FLOW	SERPENTINIZED, SOME FRESH OLIVINE	WELSHOOGTE SCHIST BELT	Y
80 PERIDOTITIC KOM	FLOW	SERPENTINIZED, SOME FRESH OLIVINE	WELSHOOGTE SCHIST BELT	Y
90 HARZBURGITE	VOLC	PERIDOTITE CUMULATE	STOLZBURG DIFF'D BODY	N
100 HARZBURGITE	VOLC	PERIDOTITE CUMULATE	STOLZBURG DIFF'D BODY	N
110 ORTHOPYROXENITE	VOLC	PERIDOTITE CUMULATE	STOLZBURG DIFF'D BODY	N
120 KOMATIITE	VOLC	HIGH SULPHER, POSSIBLY ORE, OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
130 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
140 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
150 KOMATIITE	FLOW		ALEXO SAMPLES	?
160 KOMATIITE	FLOW		ALEXO SAMPLES	?
170 KOMATIITE	FLOW		ALEXO SAMPLES	?
180 KOMATIITE	FLOW		ALEXO SAMPLES	?
190 KOMATIITE	FLOW		ALEXO SAMPLES	?
200 KOMATIITE	FLOW		ALEXO SAMPLES	?
210 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
220 KOMATIITE	FLOW		ALEXO SAMPLES	?
230 KOMATIITE	FLOW		ALEXO SAMPLES	?
240 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
250 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
260 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
270 KOMATIITE	VOLC	OLIVINE SPINIFEX	ALEXO PIT SAMPLE	Y
280 KOMATIITE	FLOW		ALEXO SAMPLES	?
290 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
300 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
310 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
320 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
330 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
340 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
350 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
360 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
370 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
380 KOMATIITE	VOLC		DUNDONALD SAMPLES	?
390 KOMATIITE	VOLC		HART SAMPLES	?
400 KOMATIITE	VOLC		HART SAMPLES	?
410 KOMATIITE	VOLC		HART SAMPLES	?
420 KOMATIITE	VOLC		HART SAMPLES	?
430 KOMATIITE	VOLC		HART SAMPLES	?
440 KOMATIITE	VOLC		HART SAMPLES	?
450 KOMATIITE	VOLC		HART SAMPLES	?
460 KOMATIITE	VOLC			

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
470	KOMATIITE	VOLC		HART SAMPLES	?
480	KOMATIITE	VOLC		HART SAMPLES	?
490	KOMATIITE	VOLC		TEXMONT SAMPLES	?
500	KOMATIITE	VOLC		TEXMONT SAMPLES	?
510	KOMATIITE	VOLC		TEXMONT SAMPLES	?
520	KOMATIITE	VOLC		TEXMONT SAMPLES	?
530	KOMATIITE	VOLC		TEXMONT SAMPLES	?
540	KOMATIITE	VOLC		TEXMONT SAMPLES	?
550	KOMATIITE	VOLC		TEXMONT SAMPLES	?
560	KOMATIITE	VOLC		TEXMONT SAMPLES	?
570	KOMATIITE	VOLC		TEXMONT SAMPLES	?
580	KOMATIITE	VOLC		TEXMONT SAMPLES	?
590	KOMATIITE	VOLC		TEXMONT SAMPLES	?
600	KOMATIITE	VOLC		TEXMONT SAMPLES	?
610	KOMATIITE	VOLC			Y
620	BASALTIC KOM	VOLC	PLAGIOCLASE POOR, PILLOWS		Y
630	PERIDOTITIC KOM	FLOW	PILLOWS		Y
640	PERIDOTITIC KOM	FLOW	PILLOWS		Y
650	PERIDOTITIC KOM	FLOW	PILLOWS		Y
660	PERIDOTITIC KOM	FLOW	PILLOWS		Y
670	PERIDOTITIC KOM	FLOW	PILLOWS		Y
680	KOMATIITE	VOLC	PICRITIC, SPINIFEX	BOGOIN	Y
690	BASALTIC KOM	VOLC		BOGOIN	Y
700	BASALTIC KOM	VOLC		BOGOIN	Y
710	BASALTIC KOM	VOLC		BOGOIN	Y
720	BASALTIC KOM	VOLC		BOGOIN	Y
730	BASALTIC KOM	VOLC	SERPENTINIZED, CHLORITIZED	BOUFOYO	Y
740	BASALTIC KOM	VOLC	SERPENTINIZED, CHLORITIZED	FLOW 1	N
750	PERIDOTITE	FLOW	MASSIVE, CUMULATE CHROMITE	FLOW 1	Y
760	ULTRAMAFIC	VOLC	SPINIFEX	FLOW 2	N
770	PERIDOTITE	FLOW	MASSIVE, CUMULATE CHROMITE	FLOW 2	Y
780	ULTRAMAFIC	VOLC	SPINIFEX	SANDSPRUIT FM.	Y
790	HI MAG BASALT	VOLC		SANSPRUIT FM.	Y
800	HI MAG BASALT	VOLC		THEESPRUIT FM.	Y
810	PERIDOTITIC KOM	VOLC		THEESPRUIT FM.	Y
820	PERIDOTITIC KOM	VOLC		THEESPRUIT FM.	Y
830	HI MAG BASALT	VOLC		KOMATI FM.	Y
840	HI MAG BASALT	VOLC		KOMATI FM.	Y
850	HI MAG BASALT	VOLC		KOMATI FM.	Y
860	HI MAG BASALT	VOLC		KOMATI FM.	Y
870	HI MAG BASALT	VOLC		NEWTON LAKE FM. MINNESOTA	Y
880	BASALTIC KOM	FLOW	PILLOW, SKELETAL AUGITE	NEWTON LAKE FM. MINNESOTA	Y
890	BASALTIC KOM	FLOW	NEEDLES TEXTURED, PILLOW	SIIVIKKO MEMBER	Y
900	PERIDOTITIC KOM	FLOW	MASSIVE	SIIVIKKO MEMBER	Y
910	PERIDOTITIC KOM	FLOW	MASSIVE	SIIVIKKO MEMBER	N
920	PERIDOTITIC KOM	FLOW	CUMULATE ZONE OF SPINIFEX FLOW	MAKINEN MEMBER	Y
930	PYROXENITIC KOM	FLOW	PILLOWED	ONE 15.6M THICK FLOW	N
940	PYROXENITIC KOM	FLOW	CUMULATE ZONE	SAME FLOW AS 301	N
950	PYROXENITIC KOM	FLOW	CUMULATE ZONE	SAME FLOW AS 301	N
960	PYROXENITIC KOM	FLOW	CUMULATE ZONE		

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
970	PYROXENITIC KOM	FLOW	CUMULATE ZONE	SAME FLOW AS 301	N
980	PYROXENITIC KOM	FLOW	CUMULATE ZONE	SAME FLOW AS 301	N
990	PYROXENITIC KOM	FLOW	CUMULATE ZONE	SAME FLOW AS 301	N
1000	PYROXENITIC KOM	FLOW	CUMULATE ZONE	SAME FLOW AS 301	N
1010	PERIDOTITIC KOM	FLOW	FLOWTOP BRECCIA	SAME FLOW AS 301	Y
1020	PERIDOTITIC KOM	FLOW	PERIDOTITE CUMULATE		N
1030	BASALTIC KOM	FLOW			?
1040	PERIDOTITC KOM	FLOW	SERPENTINIZED PERIDOTITE CUMULATE		N
1050	PERIDOTITC KOM	FLOW	PERIDOTITE CUMULATE		N
1060	PERIDOTITC KOM	FLOW	SERPENTINIZED PERIDOTITE CUMULATE		N
1070	PERIDOTITC KOM	FLOW	SERPENTINIZED PERIDOTITE CUMULATE		N
1080	KOMATIITE	FLOW	PYROXENITE SPINIFEX		Y
1090	KOMATIITE	FLOW	PYROXENITE SPINIFEX		Y
1100	PYROXENITIC KOM	FLOW			?
1110	PYROXENITIC KOM	FLOW			?
1120	BASALTIC KOM	VOLC		SANDSPRUIT FM.	?
1130	PERIDOTITIC KOM	VOLC		SANDSPRUIT FM.	?
1140	BASALTIC KOM	VOLC		SANDSPRUIT FM.	?
1150	BASALTIC KOM	VOLC		SANDSPRUIT FM.	?
1160	BASALTIC KOM	VOLC		THESPRUIT FM.	?
1170	PERIDOTITIC KOM	VOLC		THESPRUIT FM.	?
1180	PERIDOTITIC KOM	VOLC		THESPRUIT FM.	?
1190	PERIDOTITIC KOM	VOLC		THESPRUIT FM.	?
1200	BASALTIC KOM	VOLC		KOMATI FM.	?
1210	BASALTIC KOM	VOLC		KOMATI FM.	?
1220	BASALTIC KOM	VOLC		KOMATI FM.	?
1230	BASALTIC KOM	VOLC		KOMATI FM.	?
1240	PERIDOTITIC KOM	VOLC	PORPHYRITIC	PIUMHI MASSIF	?
1250	PERIDOTITIC KOM	VOLC	MICRO SPINIFEX	PIUMHI MASSIF	Y
1260	PERIDOTITIC KOM	VOLC	FOLIATED	PIUMHI MASSIF	Y
1270	BASALTIC KOM	VOLC	SPINIFEX	PIUMHI MASSIF	Y
1280	PERIDOTITIC KOM	VOLC	PORPHYRITIC	PIUMHI MASSIF	?
1290	PERIDOTITIC KOM	FLOW	PILLOWED	PIUMHI MASSIF	Y
1300	PERIDOTITIC KOM	FLOW	MICRO SPINIFEX	PIUMHI MASSIF	Y
1310	PERIDOTITIC KOM	FLOW	MICRO SPINIFEX	PIUMHI MASSIF	Y
1320	KOMATIITE	FLOW	FLOW TOP	PYKE'S HILL, SOUTH FLOW	Y
1330	KOMATIITE	FLOW	FINE OLIVINE SPINIFEX	PYKE'S HILL, SOUTH FLOW	Y
1340	KOMATIITE	FLOW	COARSE OLIVINE SPINIFEX	PYKE'S HILL, SOUTH FLOW	Y
1350	KOMATIITE	FLOW	FOLIATED ZONE	PYKE'S HILL, SOUTH FLOW	Y
1360	KOMATIITE	FLOW	CUMULATE	PYKE'S HILL, SOUTH FLOW	N
1370	KOMATIITE	FLOW	KNOBBY PERIDOTITE	PYKE'S HILL, SOUTH FLOW	Y
1380	KOMATIITE	FLOW	FLOWTOP	PYKE'S HILL, NORTH FLOW	Y
1390	KOMATIITE	FLOW	COARSE SPINIFEX	PYKE'S HILL, NORTH FLOW	Y
1400	KOMATIITE	FLOW	CUMULATE	PYKE'S HILL, NORTH FLOW	N
1410	KOMATIITE	FLOW	CUMULATE	PYKE'S HILL, NORTH FLOW	N
1420	KOMATIITE	FLOW	FLOW BASE	PYKE'S HILL, NORTH FLOW	Y
1430		FLOW	OLIVINE SPINIFEX	FRED'S FLOW	Y

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
1440	PYROXENITE	FLOW		FRED'S FLOW	Y
1450	PERIDOTITE	FLOW		FRED'S FLOW	Y
1460	PERIDOTITE	FLOW		FRED'S FLOW	Y
1470	PERIDOTITE	FLOW		FRED'S FLOW	Y
1480	PERIDOTITE	FLOW		THEO'S FLOW	Y
1490	PERIDOTITE	FLOW		THEO'S FLOW	Y
1500	PYROXENITE	FLOW		THEO'S FLOW	Y
1510	PYROXENITE	FLOW		THEO'S FLOW	Y
1520	PYROXENITE	FLOW		THEO'S FLOW	Y
1530	PYROXENITE	FLOW		THEO'S FLOW	Y
1540	GABBRO	FLOW		THEO'S FLOW	?
1550	PYROXENITE	FLOW		THEO'S FLOW	Y
1560	PERIDOTITIC KOM.	FLOW	SPINIFEX	WEST HILL,GHATTI HOSAHALI	Y
1570	PERIDOTITIC KOM.	FLOW	SPINIFEX	WEST HILL,GHATTI HOSAHALI	Y
1580	PERIDOTITIC KOM.	FLOW	SPINIFEX	SOUTH OF KUMMANGHATTA	Y
1590	PERIDOTITIC KOM.	FLOW	SPINIFEX	SOUTH OF KUMMANGHATTA	Y
1600	PERIDOTITIC KOM.	FLOW	SPINIFEX	SOUTH OF KUMMANGHATTA	Y
1610	PERIDOTITIC KOM.	FLOW	SPINIFEX	SOUTH OF KUMMANGHATTA	Y
1620	PERIDOTITIC KOM.	FLOW	SPINIFEX	SOUTH OF KUMMANGHATTA	Y
1630	PERIDOTITIC KOM.	FLOW	SPINIFEX	SOUTH OF KUMMANGHATTA	Y
1640	PERIDOTITIC KOM	FLOW	MASSIVE, SEPENTINIZED, MIDDLE OF 6 ft THICK FLOW	LOWER TISDALE FM	Y
1650	PERIDOTITIC KOM	FLOW	SERPENTINIZED, MASSIVE, .5mm GRAINS	LOWER TISDALE FM	Y
1660	PERIDOTITIC KOM	FLOW	SERPENTINIZED, PILLOW, ULTRAMAFIC	LOWER TISDALE FM	Y
1670	PERIDOTITIC KOM	FLOW	MASSIVE, TREMOLITE & MINOR CHLORITE, LIGHT GREY	LOWER TISDALE FM	Y
1680	PERIDOTITIC KOM	FLOW	CARBONATIZED, MINOR MAGNESITE VEINLETS	LOWER TISDALE FM	Y
1690	PERIDOTITIC KOM	FLOW	CARBONATIZED, LIGHT GREY BROWN, ULTRAMAFIC	LOWER TISDALE FM	Y
1700	PERIDOTITIC KOM	FLOW	CARBONATIZED, ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1710	PERIDOTITIC KOM	FLOW	SERPENTINIZED & STEATIZED ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1720	PERIDOTITIC KOM	FLOW	KOMATIITE TUFF, SHEARED, LIGHT GREY GREEN	LOWER TISDALE FM	Y
1730	PERIDOTITIC KOM	FLOW	HIGHLY CARBONATIZED ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1740	PERIDOTITIC KOM	FLOW	TALC CARBONATE ALTERED ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1750	PERIDOTITIC KOM	FLOW	TALCOSE ULTRAMAFIC FLOW, POLYSUTURED	LOWER TISDALE FM	Y
1760	PERIDOTITIC KOM	FLOW	SERPENTINIZED, MASSIVE, .5mm GRAINS	LOWER TISDALE FM	Y
1770	PERIDOTITIC KOM	FLOW	SERPENTINIZED, MASSIVE, ULTRAMAFIC	LOWER TISDALE FM	Y
1780	PERIDOTITIC KOM	FLOW	CARBONATIZED, NO VOLCANIC STRUCTURES	LOWER TISDALE FM	Y
1790	PERIDOTITIC KOM	FLOW	TREMOLITIC, TALCOSE, SOFT, BASALTIC APPEARANCE	LOWER TISDALE FM	Y

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
1800	PERIDOTITIC KOM	FLOW	SHEARED, CARBONATIZED, POLYSUTURED, SERPENTINIZED	LOWER TISDALE FM	Y
1810	PERIDOTITIC KOM	FLOW	CARBONATIZED, CRYSTALLINE, FAINT POLYSUTURES	LOWER TISDALE FM	Y
1820	PERIDOTITIC KOM	FLOW	SERPENTINIZED, FINE GRAIN	LOWER TISDALE FM	Y
1830	PERIDOTITIC KOM	FLOW	SHEARED, CARBONATIZED, PLATY VOLCANIC	LOWER TISDALE FM	Y
1840	PERIDOTITIC KOM	FLOW	SERPENTINIZED, MASSIVE, .2-.6mm GRAIN	LOWER TISDALE FM	Y
1850	PERIDOTITIC KOM	FLOW	SERPENTINIZED, ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1860	PERIDOTITIC KOM	FLOW	SERPENTINIZED, SPINIFEX, ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1870	PERIDOTITIC KOM	FLOW	VERY FINE GRAIN, BLACK, PERIDOTITIC KOMATIITE	LOWER TISDALE FM	Y
1880	PERIDOTITIC KOM	FLOW	OLIVINE SPINIFEX, PERIDOTITIC KOMATIITE	LOWER TISDALE FM	Y
1890	PERIDOTITIC KOM	FLOW	MASSIVE PERIDOTITIC KOMATIITE	LOWER TISDALE FM	Y
1900	PERIDOTITIC KOM	FLOW	CARBONATIZED ULTRAMAFIC FLOW, POLYSUTURED	LOWER TISDALE FM	Y
1910	PERIDOTITIC KOM	FLOW	SERPENTINIZED, ULTRAMAFIC FLOW, POLYSUTURED	LOWER TISDALE FM	Y
1920	PERIDOTITIC KOM	FLOW	SERPENTINIZED, FINE -MEDIUM GRAIN, ULTRAMAFIC FLOW	LOWER TISDALE FM	Y
1930	BASALTIC KOM	FLOW	BASALT, PILLOWED, LIGHT TO MEDIUM GREY	LOWER TISDALE FM	Y
1940	BASALTIC KOM	FLOW	BASALT, FOLIATED, POLYSUTURES, CARBONATE- CHLORITE	LOWER TISDALE FM	Y
1950	BASALTIC KOM	FLOW	CARBONATED LIGHT GREY, RUST WEATHERING, POLYSUTURE	MIDDLE DELORO FM.	Y
1960	BASALTIC KOM	FLOW	BASALT, SOFT, MASSIVE, MINOR SERPENTINITE	LOWER TISDALE FM	Y
1970	BASALTIC KOM	FLOW	SERPENTINIZED, WEAKLY CARBONATED, POLYSUTURES	LOWER TISDALE FM	Y
1980	BASALTIC KOM	FLOW	CARBNONATED, TALCOSE, POLYSUTURED, ULTRAMAFIC	MIDDLE TISDALE FM	Y
1990	BASALTIC KOM	FLOW	BASALT, MASSIVE, SERPENTINITE RICH ,	LOWER TISDALE FM	Y
2000	BASALTIC KOM	FLOW	BASALT, WELL FOLIATED, SERPENTINITE RICH	LOWER TISDALE FM	Y
2010	BASALTIC KOM	FLOW	BASALT, MASSIVE, TALC & CARBONATE, POLYSUTURES	LOWER TISDALE FM	Y
2020	ULTRAMAFIC FLOW	FLOW	MASSIVE, HIGH MAGNESIAN FLOWS	LOWER OSPAWAGON LAKE AREA	?
2030	AMPHIBOLITE BODY	VOLC	METAPICRITE BODY WITH IN GNEISS	THOMPSON MINE AREA	?
2040	AMPHIBOLITE BODY	VOLC	METAPICRITE BODY WITH IN GNEISS	THOMPSON MINE AREA	?
2050	AMPHIBOLITE BODY	VOLC	METAPICRITE BODY WITH IN GNEISS	THOMPSON MINE AREA	?
2060	AMPHIBOLITE BODY	VOLC	METAPICRITE BODY WITH IN GNEISS	THOMPSON MINE AREA	?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
2070	AMPHIBOLITE BODY	VOLC	METAPICRITE BODY WITH IN GNEISS	THOMPSON MINE AREA	?
2080	AMPHIBOLITE BODY	VOLC	METAPICRITE BODY WITH IN GNEISS	THOMPSON MINE AREA	?
2090	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2100	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2110	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2120	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2130	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2140	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2150	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2160	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2170	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2180	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2190	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2200	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2210	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2220	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2230	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2240	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2250	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2260	AMPHIBOLITE BODY	VOLC	SERPENTINITE, WITHIN METASEDIMENTARY ROCKS	THOMPSON MINE	?
2270	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2280	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2290	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2300	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2310	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?

UNIQUE ROCK_NAME NUMBER		MATERIAL	DESCRIPTION	COMMENTS	LIQUID
2320	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2330	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2340	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2350	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2360	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2370	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2380	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2390	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2400	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2410	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2420	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2430	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2440	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2450	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2460	AMPHIBOLITE BODY	VOLC	ULTRAMAFIC BODY WITH METASEDIMENTARY ROCKS	SOAB MINE AREA	?
2470	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2480	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2490	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2500	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2510	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2520	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2530	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2540	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2550	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2560	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
2570	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2580	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2590	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2600	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2610	AMPHIBOLITE BODY	VOLC	ASSOCIATED WITH METASEDS & METABASALTS	PIPE-UPPER OSPAWAGON LAKE	?
2620	ULTRAMAFIC	FLOW	SERPENTINE RICH, SPINIFEX ULTRAMAFIC FLOW.		Y
2630	ULTRAMAFIC	FLOW	SPINIFEX ULTRAMAFIC FLOW		Y
2640	MAFIC METAVOLC	VOLC	MAFIC, MASSIVE, RADIATING, AMPHIBOLITE CLUSTERS		?
2650	MAFIC METAVOLC	VOLC	MAFIC METAVOLCANIC, FOLIATED, BLUE-GREEN		?
2660	ULTRAMAFIC	FLOW	ULTRAMAFIC FLOW, MASSIVE, FINE MEDIUM GRAIN		?
2670	MAFIC METAVOLC	VOLC	FOLIATED, CHLORITE RICH,		?
2680	MAFIC METAVOLC	VOLC	MAFIC METAVOLCANIC, FOLIATED, FINE GRAIN		?
2690	MAFIC METAVOLC	VOLC	MAFIC METAVOLCANIC,FINE GRAIN, FOLIATED,		?
2700	MAFIC METAVOLC	VOLC	MAFIC METAVOLCANIC, FINE GRAIN, FOLIATED		?
2710	ULTRAMAFIC	VOLC	ULTRAMAFIC METAVOLCANIC, POLYSUTURE		Y
2720	ULTRAMAFIC	VOLC	ULTRAMAFIC METAVOLCANIC, FINE GRAIN, FOLIATED,		?
2730	MAFIC	VOLC	DARK GREEN, MEDIUM GRAIN, ACTINOLITIC		?
2740	MAFIC	VOLC	ORANGE GREY, FINE GRAIN, SERPENTINE, WEAK CARBONAT		?
2750		VOLC		JOSEPHINE MINE AREA	?
2760	BASALT	FLOW	MAFIC FLOW UNIT, SAMPLE APPEARS TO BE TUFFACEOUS		?
2770	BASALT	FLOW	MAFIC FLOW, ULTRAMAFIC		?
2780	BASALT	FLOW	MAFIC FLOW UNIT, BUT THIS SAMPLE GABBRO		?
2790	FRAGMENTAL-I	VOLC	BIOTITIC, PYRITIFEROUS, HIGHLY CARBONATED TUFF		?
2800	BASALT	FLOW	MAFIC FLOW, PILLOW		Y
2810	BASALT	FLOW	MAFIC FLOW		?
2820	BASALT	FLOW	MAFIC FLOW, BIOTITE, SILICIFIED		?
2830	BASALT	FLOW	MAFIC FLOW, GABBROIC, MAGNETIC		?
2840	ULTRAMAFIC	FLOW	ULTRAMAFIC FLOW, ACTINOLITIC		?
2850	ULTRAMAFIC	FLOW	ULTRAMAFIC FLOW, ACTINOLITIC		?
2860	ULTRAMAFIC	FLOW	ULTRAMAFIC FLOW, BRECCIATED, MAGNETIC		?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
2870	ULTRAMAFIC	FLOW	UM. FLOW, BRECCIATED, MAGNETIC, CARBONATIZED		?
2880	ULTRAMAFIC	FLOW	ULTRAMAFIC FLOW, BRECCIATED, ACTINOLITIC		?
2890	ULTRAMAFIC	FLOW	ULTRAMAFIC FLOW, WEAKLY MAGNETIC		?
2900	KOMATIITE	FLOW	ULTRAMAFIC FLOW BRECCIA, SPINIFEX		Y
2910	KOMATIITE	VOLC	ULTRAMAFIC BRECCIA, FINE GRAINED, SERPENTINITE		?
2920	BASALT	FLOW	MAFIC PILLOW, MEDIUM GRAIN		Y
2930	BASALT	VOLC	MAFIC OR ULTRAMAFIC, PILLOW		Y
2940	BASALT	FLOW	MAFIC PILLOW, FINE GRAIN		Y
2950	BASALT	VOLC	MAFIC MASSIVE		?
2960	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
2970	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
2980	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
2990	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
3000	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
3010	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
3020	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
3030	KOMATIITE	FLOW	ULTRAMAFIC FLOW ?, FINE SPINIFEX		Y
3040	BASALT	FLOW	MAFIC MASSIVE FLOW, FINE GRAINED		?
3050	BASALT	FLOW	MAFIC PILLOWED FLOW		Y
3060	BASALT	VOLC	ALTERED MAFIC, CARBONATIZED	EAST BRIDGET LAKE	?
3070	BASALT	VOLC	FOLIATED AMPHIBOLITE	WEST END MIDDLE BAY	?
3080	SCHIST	VOLC	FIBROUS, ACTIN, TREM, CHLOR, TALC, CARB SCHIST		?
3090	SCHISTOSE UNIT	VOLC	SLIGHTLY CRENULATED TALC SCHIST		?
3100	ULTRAMAFIC	VOLC	ULTRAMAFIC		?
3110	ULTRAMAFIC	VOLC	ULTRAMAFIC		?
3120	MAFIC VOLC	VOLC	MAFIC VOLCANIC		?
3130	MAFIC VOLC	VOLC	MAFIC VOLCANIC		?
3140	MAFIC VOLC	VOLC	MAFIC VOLCANIC		?
3150	MAFIC VOLC	VOLC	MAFIC VOLCANIC		?
3160	MAFIC	FLOW	MAFIC FLOW, SHEARED	DISTRICT OF KENORA	?
3170	INTERMEDIATE	FLOW	FINE GRAIN, GRAY, INTERMEDIATE TO FELSIC FLOW	DISTRICT OF KENORA	?
3180	ULTRAMAFIC	VOLC	CARBONATIZED ULTRAMAFIC, SCHISTOSE	DISTRICT OF KENORA	?

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
3190 KOMATIITE	VOLC	KOMATIITE, QUARTZ VEINS, DISSEMINATED PYRITE, FUCH		?
3200 BASALT	VOLC	APHANITIC DARK-GREY MASSIVE		?
3210 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3220 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3230 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3240 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3250 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3260 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3270 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3280 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3290 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3300 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3310 BASALT	FLOW	FINE GRAIN, GREY GREEN FLOW		?
3320 BASALT	VOLC		SEE 83NFT-1149	?
3330 BASALT	VOLC		SEE 83NFT-1228	?
3340 DUNITE	VOLC	FINE GRAIN, SERPENTINE INTERSTITAL & FRACTURE FILL		?
3350 THOLEIITE	FLOW	FINE GRAIN GREEN GRAY FLOW		?
3360 THOLEIITE	FLOW	FINE GRAIN GREEN GRAY FLOW		?
3370 THOLEIITE	FLOW	FINE GRAIN GREEN GRAY FLOW		?
3380 THOLEIITE	FLOW	FINE GRAIN GREEN GRAY FLOW		?
3390 DUNITE	VOLC		SEE 84NFT-5037	?
3400 MAFIC VOLC	VOLC	CHLORITIZED SHEAR ZONE	60 FT SOUTH FROM 2007	?
3410 CARBONATE	VOLC	GREY CARBONATE	40 FT SOUTH 2007	?
3420 CARBONATE	VOLC	GREEN GREY CARBONATE	55 FT SOUTH OF 2006	?
3430 ULTRAMAFIC	VOLC	ULTRAMAFIC		?
3440 PERIDOTITIC KOM	VOLC	KOMATIITE ULTRAMAFIC BLACK GREEN FINE GRAINED		?
3450 META GABBRO	VOLC		BILLBOY LAKE MAFIC INTRUS	?
3460 META GABBRO	VOLC		SEE 82RPS-0064	?
3470	VOLC	HOLE 21-255 FT		?
3480 PERIDOTITE	FLOW	FLOW? MATHIEU LAKE BODY		?
3490 MAFIC	VOLC	KINK BANDED SCHIST		?
3500 KOMATIITE	VOLC	SPINIFEX KOMATIITE		Y
3510 BASALT	VOLC		DISTRICT OF KENORA	?
3520 KOMATIITE	FLOW	DIKE OR FLOW, 3.5 X 4mm PYRITE CUBES		?
3530 PYROXENITE	FLOW	TREMOLITE, CHLORITE, DIKE OR FLOW, FINE GRAIN	CUTS MAFIC VOLC	?
3540 PERIDOTITIC KOM	FLOW	FINE GRAIN, LIGHT GREY, MASSIVE TO FOLIATED FLOW		?
3550 THOL BASALT	FLOW	FINE GRAIN, DARK-GREY FLOW		?
3560 PERIDOTITIC KOM	VOLC	FINE GRAIN, LIGHT GREY, POLYSUTURED, DEFORMED PILL		Y
3570 BASALTIC KOM	FLOW	FINE GRAIN, MED-GREEN, DEFORMED FLOW		?
3580 THOL BASALT	FLOW	FINE GRAIN, DARK GREY FLOW		?
3590 PERIDOTITIC KOM	FLOW	FINE GRAIN, LIGHT GREY ULTRAMAFIC FLOW		?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
3600	THOL BASALT	FLOW	FINE GRAIN, DARK GREY BASALTIC FLOW		?
3610	THOL BASALT	VOLC	PILLOW, DARK, FINE GRAIN		Y
3620	BASALT	VOLC	MEDIUM GRAIN		?
3630	BASALT	VOLC	FINE GRAIN, SCHISTOSE		?
3640	BASALT	VOLC	BASALT ON NORTH SIDE		?
3650	BASALT	VOLC	BASALT, NORTH OF AKOW		?
3660	PERIDOTITE	VOLC	FINE GRAIN, EQUIGRANULAR , MASSIVE		?
3670	PERIDOTITE	VOLC	FINE GRAIN, EQUIGRANULAR KOMATIITE, SPINIFEX		Y
3680	PERIDOTITE	VOLC	FINE GRAIN, EQUIGRANULAR KOMATIITE, SPINIFEX		Y
3690	PERIDOTITE	VOLC	FINE GRAIN, EQUIGRANULAR KOMATIITE, SPINIFEX		Y
3700	PERIDOTITE	VOLC	FINE GRAIN, EQUIGRANULAR KOMATIITE, SPINIFEX		Y
3710	PERIDOTITE	VOLC	FINE GRAIN, EQUIGRANULAR KOMATIITE, SPINIFEX		Y
3720	PERIDOTITE	VOLC	MASSIVE, DEFINITE INTRUSIVE TYPE		?
3730	ULTRAMAFIC	VOLC	POLYSUTURED ULTRAMAFIC FLOW		Y
3740	CARBONATE	VOLC	FUCHSITE RICH QUARTZ CARBONATE UNIT	ST ANDREW	?
3750	BASALT FLOW DIKE	FLOW	MAFIC VOLCANIC UNIT OR DIKE, MASSIVE FINE GRAIN	ST ANDREW	?
3760	CARBONATE	VOLC	FUCHSITE RICH QUARTZ CARBONATE UNIT, FINE GRAIN MA	ST ANDREW	?
3770	PYROXENITE	VOLC	CARBONATE TALC ALTERED, SERPENTINE, PYROXENE		M
3780	CARBONATE	VOLC	VERY HARD, HOT MAGNESITE TYPE, MINOR PYRITE, FRESH	FRESH	?
3790	BASALTIC KOM	VOLC	FINE GRAIN META ANDESITE, TRACE OF PYRITE, ALTERED	LIGHTNING RIVER AREA	?
3800	KOMATIITE	VOLC	PYROXENE SPINIFEX, NEEDLE LIKE BUT IN BOOKLETS		M
3810	PERIDOTITIC KOM	VOLC	DH.8,350 FT. FINE GRAIN, BLACK	LIGHTNING RIVER	?
3820	PERIDOTITIC KOM	VOLC	DH.8,780 FT. FINE GRAIN, BLACK	LIGHTNING RIVER	?
3830	PERIDOTITIC KOM	VOLC	DDH.28,190FT., SERPENTINE, BASALT, FINE GRAIN	LIGHTNING RIVER	?
3840	PERIDOTITIC KOM	VOLC	DDH.2,525 FT., FRESH DIABASE OR RECRYSTALLIZED	LIGHTNING RIVER AREA	?
3850	PERIDOTITIC KOM	VOLC	DDH 3,328 FT. FINE GRAIN,DK GREEN, SERPENTINITE	LIGHTNING RIVER AREA	?
3860	PERIDOTITIC KOM	VOLC	DDH31,195FT. COARSE, GREY BASALT	LIGHTNING RIVER AREA	?
3870	PERIDOTITIC KOM	VOLC	DDH44,1172 FT. DK-MED GREEN GREY, 1/2MM GRAIN	LIGHTNING RIVER AREA	?
3880	PERIDOTITIC KOM	VOLC	DDH 10,676FT. AMYGDALOIDAL, GREY GREEN, SOFT, TALC	LIGHTNING RIVER AREA	?

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
3890 PERIDOTITIC KOM	VOLC	DDH 8,868FT, GREYWACKE	LIGHTNING RIVER AREA	?
3900 PERIDOTITIC KOM	VOLC	DDH.16,614FT., GREEN CARBONATE	LIGHTNING RIVER AREA	?
3910 PERIDOTITIC KOM	VOLC	DDH.20,511FT. CHLORITIZED CARBONATE SCHIST,	LIGHTNING RIVER AREA	?
3920 PERIDOTITIC KOM	VOLC	DH 2,50 FT., BRECCIATED CARBONATE SCHIST, ALTERED	LIGHTNING RIVER AREA	?
3930 PERIDOTITIC KOM	VOLC	DH 5D,420 FT., SERPENTINITE	LIGHTNING RIVER AREA	?
3940 BASALTIC KOM	VOLC	DH 8,53 FT., LIGHT PYROXENITE GABBRO	LIGHTNING RIVER AREA	N
3950 BASALTIC KOM	VOLC	DH 8,160 FT., LIGHT PYROXENITE GABBRO	LIGHTNING RIVER AREA	N
3960 PERIDOTITIC KOM	VOLC	DH 8,228 FT., NEARLY BLACK DIORITE 1-2MM	LIGHTNING RIVER AREA	?
3970 PERIDOTITIC KOM	VOLC	DH 8,470 FT., PERIDOTITE BLACK	LIGHTNING RIVER AREA	?
3980 PERIDOTITIC KOM	VOLC	DH 9,79 FT., BLACK BASALT	LIGHTNING RIVER AREA	?
3990 PERIDOTITIC KOM	VOLC	DH 9,163 FT., PERIDOTITE	LIGHTNING RIVER AREA	?
4000 PERIDOTITIC KOM	VOLC	DH 1,164 FT., VERY GREY MICACEOUS SCHISTOSE	LIGHTNING RIVER AREA	?
4010 PERIDOTITIC KOM	VOLC	DH 1,173 FT., SERPINTINE IN TALC SCHIST, ALTERED	LIGHTNING RIVER AREA	?
4020 PERIDOTITIC KOM	VOLC	DH 1,307 FT., ULTRAMAFIC, ALTERED	LIGHTNING RIVER AREA	?
4030 PERIDOTITIC KOM	VOLC	DH 1,321 FT., ULTRAMAFIC, ALTERED	LIGHTNING RIVER AREA	?
4040 PERIDOTITIC KOM	VOLC	DH 1,414 FT. ULTRAMAFIC, ALTERED	LIGHTNING RIVER AREA	?
4050 PERIDOTITIC KOM	VOLC	DH 1,808 FT. ULTRAMAFIC, ALTERED	LIGHTNING RIVER AREA	?
4060 PERIDOTITIC KOM	VOLC	DDH.2,400FT, GREY FINE GRAINED ROCK, ALTERED	LIGHTNING RIVER AREA	?
4070 THOL BASALT	VOLC	COARSE GRAIN, MAGNETIC, HIGH GRADE(PYROXENE)	LIGHTNING RIVER AREA	N
4080 BASALTIC KOM	VOLC	DARK GREY FINE GRAIN .25 TO.5MM NON MAGNETIC	LIGHTNING RIVER AREA	?
4090 ULTRAMAFIC	VOLC	DH,1,302 FT., ULTRAMAFIC		?
4100 MAFIC	VOLC	DH,6,168 FT., DK GREEN FAIRLY MAFIC		?
4110 ANDESITE	VOLC	DH,2,450 FT., TALC		?
4120 MAFIC	VOLC	D11,2,328 FT., SERPENTINIZED		?
4130 BASALT	VOLC	D11,2,376 FT., SERPENTINIZED, SPINIFEX		Y
4140 BASALT	VOLC	DARK GREEN, HIGHLY CHLORITIZED ROCK, NONMAGNETIC	RAMORE AREA	?
4150 KOMATIITE	VOLC	GREENISH-GREY, KOMATIITE WITH TALC AND SERPENTINE		?
4160 CARBONATE	VOLC	KNOBBY CARBONATED, OLIVE GREENISH-GREY		?
4170 KOMATIITE	VOLC	GREENISH-GREY, FINE GRAIN, SPINIFEX, TALC		Y
4180 CHLORITE SCHIST	VOLC	DH,1, TALC CHLORITE SCHIST		?

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
4190 CHLORITE SCHIST	VOLC	DH,3,627 FT., TALC SCHIST		?
4200 ULTRAMAFIC	VOLC	DH,27,215 FT., ULTRAMAFIC		?
4210	VOLC	DH,28,400 FT., GREENISH GREY GRAIN 1MM		?
4220 MAFIC	VOLC	DH,31,22 FT., GREENISH GREY,VERY MAFIC		?
4230 MAFIC	VOLC	DH,49,500 FT., DK GREY FINE GRAINED		?
4240 BRECCIA	VOLC	DH69-2,347 FT., ULTRAMAFIC FRAGMENTAL		?
4250 ULTRAMAFIC	VOLC	DH69-2,448 FT., ULTRAMAFIC FRAGMENTAL		?
4260 TALC SCHIST	VOLC	DH1,207 FT., TALC SCHIST		?
4270 ANDESITE	VOLC	ABUYGM SAMPLE M13, KOMATIITE BASALT		?
4280 HYALOCLASTITE	VOLC	ABUYGM DH17,414 FT., VOLCANIC BRECCIA		?
4290 HYALOCLASTITE	VOLC	ABUYGM DH19,200 FT., HYALOCLASTITE, CHLORITE		N
4300 ULTRAMAFIC	VOLC	DH 93,891 FT., AMYGDALOIDAL PILLOW LAVA		Y
4310 KOMATIITE	VOLC	DARK GREEN, MASSIVE, 2-3mm GRAIN, SERPENTINE RICH		?
4320 KOMATIITE	FLOW	FLOW ORE CONTACT, UNDER FLOW ORE, BRECCIA		?
4330 KOMATIITE	VOLC	BRIGHT GREEN		?
4340 KOMATIITE	VOLC	MICA, CHLORITE, SERICITE, SCHIST, QTZ CALCITE VEIN		?
4350 CARBONATE	VOLC	FINE GRAINED, CARBONATE-RICH, LIGHT GREENISH GREY	VIRGINIATOWN	?
4360 ULTRAMAFIC	VOLC	TRANSAURUM DH,4,113 FT., ULTRAMAFIC		?
4370 ULTRAMAFIC	VOLC	DUNMAR G.M. DH,3,65 FT., BLACK ULTRAMAFIC		?
4380 ULTRAMAFIC	VOLC	DUNMAR G.M. DH,3,300 FT., ULTRAMAFIC		?
4390 ULTRAMAFIC	VOLC	ANSON CARTWRIGHT DH,1,79 FT., ULTRAMAFIC		?
4400 BASALT	VOLC	DH,5A,313 FT., SERPENTINE		?
4410 CHLORITE SCHIST	VOLC	DH9,868 FT., CHLORITE SCHIST, SERPENTINE		?
4420 BASALTIC KOM	VOLC	SOFT, FINE-GRAIN, SERPENTINIZED	KIRKLAND LAKE AREA	?
4430 THOL BASALT	VOLC	FINE-GR, ACTINOLITE, OLIVINE RICH ORIGIN	KIRKLAND LAKE AREA	?
4440 BASALT/DACITE	VOLC	FINE-GRAIN, ACTINOLITE TO SERPENTINE RICH MASSIVE	KIRKLAND LAKE AREA	?
4450 THOL BASALT	VOLC	FINE-GR, MAGNETIC, SERPENTINE RICH WITH TALC SLIPS	KIRKLAND LAKE AREA	?
4460 CARBONATE	VOLC	GREEN OR ORANGY, FINE GRAIN QUARTZ VEINS	KIRKLAND LAKE AREA	?

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
4470 PERIDOTITIC KOM	VOLC	OLIVE GREEN, SERPENTINE, QUARTZ, CALCITE	KIRKLAND LAKE AREA	?
4480 KOMATIITE	VOLC	GREY, CLOTTY, SOFT, THICK WEATHERED (SEE 76J341)	KIRKLAND LAKE AREA	?
4490 PERIDOTITIC KOM	VOLC	SCHISTOSE, SERPENTINE AND TALC-RICH, CALCITE VEINS	KIRKLAND LAKE AREA	?
4500 BASALTIC KOM	VOLC	GREENISH GREY, APHANITIC, SERPENTINE SLIPS	KIRKLAND LAKE AREA	?
4510 THOL BASALT	VOLC	STRONGLY CARBONATED, SOME SYENITIZED, SHEARED CHLO		?
4520 CARBONATE	VOLC	HIGHLY RUSTED, QUARTZ & CARBONATE VIENS, FUSCHITE		?
4530 CHLORITE SCHIST	VOLC	HOLE#3-141' TALC CHLORITE SCHIST	KIRKLAND LAKE AREA	?
4540 CHLORITE SCHIST	VOLC	HOLE#1,236.5FT. TALC CHLORITE SCHIST	KIRKLAND LAKE AREA	?
4550 PERIDOTITIC KOM	VOLC	DARK GREEN TO BLUISH, 1MM GRAINED, MAGNETIC	ENGLEHART AREA	?
4560 BASALTIC KOM	VOLC	SERPINTINE AND CHLORITE SLIPS, CARBONATIZED	KIRKLAND LAKE AREA	?
4570 PERIDOTITIC KOM	VOLC	SERPINTINE SLIPS, MICA, ULTRAMAFIC	KIRKLAND LAKE AREA	?
4580 PERIDOTITIC KOM	VOLC	SERPINTINE RICH SCHIST, VITREOUS	KIRKLAND LAKE AREA	?
4590 BASALTIC KOM	VOLC	PYROXENE SPINIFEX, GREY-GREEN SERPENTINE	KIRKLAND LAKE AREA	N
4600 PERIDOTITIC KOM	VOLC	POLYSUTURED, SERPENTINE ULTRAMAFIC KOMATIITE	KIRKLAND LAKE AREA	Y
4610 PERIDOTITIC KOM	VOLC	OLIVE-GREEN, NON-MAGNETIC ULTRAMAFIC KOMATIITE	KIRKLAND LAKE AREA	?
4620 BASALTIC KOM	VOLC	SCHISTOSE, FINE GRAIN BIOTITE AND CHLORITE	KIRKLAND LAKE AREA	?
4630 BASALTIC KOM	VOLC	GREENISH-GREY, 1mm GRAINED ROCK		?
4640 BASALTIC KOM	VOLC	GREENISH GREY, 1-2mm GRAINED ROCK		?
4650 PERIDOTITIC KOM	VOLC	DARK GREY, SERPENTINE, WEAKLY MAGNETIC	KIRKLAND LAKE AREA	?
4660 PERIDOTITIC KOM	VOLC	DARK GREEN, MAGNETIC, 1MM GRAIN		?
4670 PERIDOTITIC KOM	VOLC	DARK GREEN, SPINEFEX, NON MAGNETIC		?
4680 PERIDOTITIC KOM	VOLC	POLYSUTURED, MAGNETIC		Y
4690 PERIDOTITIC KOM	VOLC	DARK GREEN, BRECCIATED, SOFT, SOAPY		?
4700 PERIDOTITIC KOM	VOLC	DUNITIC, NON MAGNETIC		?
4710 PERIDOTITIC KOM	VOLC	SOFT SOAPY, NON MAGNETIC, POLYSUTURED 1MM GRAIN		Y
4720 PERIDOTITIC KOM	VOLC	MAGNETIC, SERPENTINE RICH, SPINIFEX		Y

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
4730	PERIDOTITIC KOM	VOLC	FINE GRAIN, MAGNETIC, DARK GREEN, SERPENTINE RICH		?
4740	PERIDOTITIC KOM	VOLC	SOFT, GREEN, SERPENTINE RICH, MAGNETIC		?
4750	BASALTIC KOM	VOLC	LAMPROPHYRIC, ACTINOLIZED KOMATIITE, MAGNETIC		?
4760	PERIDOTITIC KOM	VOLC	GREEN GRAY, SOFT, SERPENTINE RICH, NON MAGNETIC		?
4770	PERIDOTITIC KOM	VOLC	BLEACHED FRAGMENTS IN DARK GREEN CHLORITIC MATRIX		?
4780	PERIDOTITIC KOM	VOLC	DARK GREEN, WEAKLY MAGNETIC, SERPENTINE, SOME TALC		?
4790	PERIDOTITIC KOM	VOLC	SOFT, SERPENTINE RICH, DARK GRAY, WEAKLY MAGNETIC		?
4800	PERIDOTITIC KOM	VOLC	MAG DK GREEN SERP-RICH SPINEFEX TEXTURE		?
4810	MUDSTONE	VOLC	SOFT, SERPENTINE RICH, DARK GRAY, WEAKLY MAGNETIC		?
4820	BASALT	VOLC	ALTERED	SEE SAMPLE 81LSJ-0372	?
4830	PERIDOTITIC KOM	VOLC	VERY FINE GRAINED BLACK		?
4840	PERIDOTITIC KOM	VOLC	VERY FINE GRAINED BLACK		?
4850	PERIDOTITIC KOM	VOLC	CARBONATE TALC ALTERATION		?
4860	PERIDOTITIC KOM	VOLC	MINOR TALC CARBONATE ALERATION		?
4870	KOMATIITE	VOLC	MINOR TALC CARBONATE ALTERATION		?
4880	PERIDOTITIC KOM	VOLC	MINOR TALC ALTERATION		?
4890	PERIDOTITIC KOM	VOLC	DARK GREY MODERATELY FOLIATED		?
4900	PERIDOTITIC KOM	VOLC	SPOTTY CARBONATE ALTERATION		?
4910	KOMATIITE	VOLC	ULTRAMAFIC, BANDED OR SHEARED, SERPENTINE		?
4920	BRECCIA	VOLC	SILICEOUS BREAK, AUTO BRECCIA, CLASTS		?
4930		VOLC	BEDDED, GRANULAR		?
4940	BRECCIA	VOLC	FRAGS OF COARSE CARBONATE IN CARB. MATRIX		?
4950	BASALTIC KOM	VOLC	CARBONATE SIMILAR TO 78J524, FRAGS MORE COARSE		?
4960	BASALTIC KOM	VOLC	CARB. CONTINUE GRADATION OF 78J528, NOW SAND SIZED		?
4970	BASALTIC KOM	VOLC	LIGHT PINKISH BRN TRACHYTE WITH 30% GREEN CARBONAT		?
4980	PERIDOTITIC KOM	VOLC	VERY FINE GRAINED BLACK		?
4990	KOMATIITE	VOLC	.5mm GRAIN, SHEARED, SCHISTOSE, TALCY NON-MAGNETIC		?
5000	PERIDOTITIC KOM	VOLC	TALC CHLORITE SCHIST, GREENISH GREY		?
5010	PERIDOTITIC KOM	VOLC	SOFT, TALC SCHISTOSE, NO FIZZ(DOLOMITE), ACTINOLI		?
5020	PERIDOTITIC KOM	VOLC	CARBONATE, TALC, NON-MAGNETIC,		?
5030	BASALTIC KOM	VOLC	SCHISTOSE, NON-MAGNETIC, CARBONATED, ALTERED		?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
5040	PERIDOTITIC KOM	VOLC	ALTERED, CHLORITE, CHROMITE, MICA, QTZ & DOL STREA		?
5050	BASALTIC KOM	VOLC	ACTINOLITIC, SCHISTOSE, ABUNDANT CALCITE IN VEINS		?
5060	LAMPROPHYRE	VOLC	CHLORITE, BIOTITE, NON MAGNETIC, CARBONATED		?
5070	PERIDOTITIC KOM	VOLC	POLYSUTURED, DEEP GREEN, MAGNETIC, CHLORITIC		Y
5080	PERIDOTITIC KOM	VOLC	TALC SERPENTINE CHLORITE, SCHISTOSE, LG PYRITE CUB		?
5090	PERIDOTITIC KOM	VOLC	SCHISTOSE, 1mm GRAIN, SOFT TALC, SERICITIZED		?
5100	PERIDOTITIC KOM	VOLC	TALC, PYROXENE SPINIFEX (SEE 78J773)		N
5110	KOMATIITE	VOLC	ACTINOLITE, CARB, LAMPROPHYRIC, SYENITE, NON MAGNE		?
5120	PERIDOTITIC KOM	VOLC	SOFT, 1mm GRAIN, TALCY		?
5130	IRON FORMATION	VOLC	CLASTS OF IRON FM(MT) CONTORTED IN CHLORITIC MATRI		?
5140	PERIDOTITE	VOLC	BLACK, 1cm GRAIN PERIDOTITE.		?
5150	PERIDOTITE	VOLC	BLACK, 5mm GRAINED PERIDOTITE.		?
5160	PERIDOTITE	VOLC	BLACK, 5mm GRAINED PERIDOTITE.		?
5170	PERIDOTITE	VOLC	BLACK, 5mm GRAINED PERIDOTITE.		?
5180	PYROXENITE	VOLC	BLACK, 1mm GRAINED PYROXENITE.		N
5190	PYROXENITE	FLOW	SULFIDE RICH, FINE GRAIN, MICRO SPINIFEX, FLOW-TOP		Y
5200	PYROXENITE	VOLC	BLACK, FINE GRAINED MICRO SPINIFEX ROCK.		Y
5210	BASALTIC KOM	VOLC	GREEN, 1-2mm GRAIN, ACTINOLITIC, NON MAGNETIC		?
5220	PERIDOTITIC KOM	VOLC	SERPENTINITE RICH, 1-2MM GRAIN, GREEN		?
5230	THOL BASALT	VOLC	IRON THOLEIITE		?
5240	KOMATIITE	FLOW	ULTRAMAFIC FLOW		?
5250	KOMATIITE	FLOW	ULTRAMAFIC FLOW, PILLOWED		Y
5260	KOMATIITE	FLOW	ULTRAMAFIC FLOW, PILLOWED		Y
5270	KOMATIITE	FLOW	ULTRAMAFIC FLOW		?
5280	KOMATIITE	FLOW	ULTRAMAFIC FLOW		?
5290	KOMATIITE	FLOW	ULTRAMAFIC FLOW, KOMATIITIC		?
5300	KOMATIITE	FLOW	ULTRAMAFIC FLOW, SOME PLAGIOCLASE		?
5310	KOMATIITE	FLOW	ULTRAMAFIC FLOW, PILLOW, BASALTIC KOMATIITE		Y
5320	KOMATIITE	FLOW	ULTRAMAFIC FLOW, SPINIFEX		Y
5330	BASALTIC KOM	VOLC	BASALTIC KOMATIITE		?
5340	BASALTIC KOM	VOLC	BASALTIC KOMATIITE		?
5350	BASALT	VOLC	MEDIUM GRAIN, MAFIC		?
5360	THOL BASALT	VOLC	IRON THOLEIITE		?
5370	PERIDOTITE	VOLC		CHROMITE PROJECT	?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
5380	PYROXENITE	VOLC		CHROMITE PROJECT	?
5390	PYROXENITE	VOLC		CHROMITE PROJECT	?
5400	PYROXENITE	VOLC		CHROMITE PROJECT	?
5410	INTERMEDIATE	VOLC	KAGINOT-ROCKMERE-MOOSETEGON CROSS-SECTION		?
5420	MG FLOW	FLOW	MASSIVE PART OF ACTINOLITE-RICH FLOW KOMATIITIC?		?
5430	MG FLOW	FLOW	SERPENTINIZED, TALC MAGNETIC		?
5440	MAFIC FLOW	FLOW	ACTINOLITE RICH MASSIVE		?
5450	CHICKENFEED	VOLC	SERPENTINITE PERIDOTITE MAGNETIC		?
5460	BASALTIC KOM	VOLC	SCHISTOSE, TALC, CHLORITE, HYALOCLASTITIC BRECCIA		N
5470	KOMATIITE	VOLC	TALCOSE, MASSIVE DARK GREY GREEN, MODERATELY MAGNE		?
5480	MAFIC FLOW	FLOW	ACTINOLITE RICH, KOMATIITIC		?
5490	ULTRAMAFIC	VOLC	FINE GRAIN, ALTERED,	SOUTHERN PART OF TWP.	?
5500	ULTRAMAFIC	VOLC	FINE GRAIN, ALTERED	SOUTHERN PART OF TWP.	?
5510	MAFIC	VOLC	FINE GRAIN, FOLIATED, ALTERED, MAFIC		?
5520	ULTRAMAFIC	VOLC	MASSIVE,7ft FLOW BETWEEN BASALT & SPINIFEX FLOWTOP		?
5530	BASALT	VOLC	FINE GRAIN, GREEN, POORLY FOLIATED, CARBONATED?		?
5540	BASALTIC KOM	VOLC			?
5550	BASALTIC KOM	VOLC			?
5560	BASALT	VOLC			?
5570	BASALT	VOLC			?
5580	BASALT	VOLC			?
5590	BASALT	VOLC			?
5600	BASALT	VOLC			?
5610	BASALT	VOLC	FINE-GRAIN, RARE SULFIDES, SLIGHTLY FOLIATED		?
5620	BASALT	VOLC			?
5630	DACITE	VOLC			?
5640	DACITE	VOLC			?
5650	BASALT	VOLC			?
5660	KOMATIITE	VOLC	PYROXENITIC KOMATIITE		N
5670	KOMATIITE	VOLC	PERIDOTITIC KOMATIITE		?
5680	BASALT	VOLC	FOLIATED, CARBONITIZED		?
5690	BASALT	VOLC	PLATY, MAGNESITE VEINING, CARBONITIZED		?
5700	BASALT	VOLC			?
5710	INCOMPLETE	VOLC	CARBONATIZED VOLCANIC		?
5720	ULTRAMAFIC	VOLC	CARBONATED, POLYSATURED, ULTRAMAFIC		?
5730	ULTRAMAFIC	VOLC	CARBONATED, ULTRAMAFIC, POLYSUTURED		Y
5740	ULTRAMAFIC	VOLC	POLYSUTURED, ULTRA TO HIGH MAGNESIUM		Y

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
5750 PYROXENE	VOLC	PYROXENE SPINIFEX, HI MAGNESIUM		N
5760 ULTRAMAFIC	VOLC	ULTRAMAFIC FLOW		?
5770 UM KOMATIITE	FLOW	GREY, FINE GRAINED, POLYSUTURED		Y
5780 UM KOMATIITE	FLOW	BLACK, 1 mm GRAINED, MASSIVE		Y
5790 UM KOMATIITE	FLOW	BLACK FINE GRAIN, REDDISH WEATHERING, POLYSUTURED		Y
5800 UM KOMATIITE	FLOW	BLACK, FINE GRAIN, POLYSUTURED, BROWN WEATHERING		Y
5810 UM KOMATIITE	FLOW	BLACK, FINE GRAIN,BROWN WEATHERING,POLYSUTURED		Y
5820 UM KOMATIITE	FLOW	DARK GREEN, 2cm SPINIFEX, BROWN WEATHERING		Y
5830 UM KOMATIITE	FLOW	BLACK, 1mm GRAIN, POLYSUTURED, REDDISH WATHERING		Y
5840 UM KOMATIITE	FLOW	DARK GREEN, RANDOM 5cm SPINIFEX, SHEARED, RUSTY		Y
5850 UM KOMATIITE	FLOW	BLACK, FINE GRAIN, MASSIVE, BROWN WEATHERING		Y
5860 UM KOMATIITE	FLOW	RANDOM 1 cm SPINIFEX, LIGHT TO DARK GREY		Y
5870 UM KOMATIITE	FLOW	LIGHT TO DARK GREY, ORIENTED 2.5 cm SPINIFEX,		Y
5880 UM KOMATIITE	FLOW	BLACK, FINE GRAIN, MASSIVE, REDDISH WEATHERING		Y
5890 UM KOMATIITE	FLOW	BLACK, FINE GRAIN, MASSIVE, GREY WEATHERING		Y
5900 UM KOMATIITE	FLOW	DARK GREY, ORIENTED 5cm SPINIFEX, GREEN WEATHERING		Y
5910 UM KOMATIITE	FLOW	DARK GREY, FINE GRAIN, POLYSUTURED, RED WEATHERING		Y
5920 MAFIC KOMATIITE	FLOW	GREY-GREEN, FINE GRAIN, MASSIVE, BROWN WEATHERING		Y
5930 MAFIC KOMATIITE	FLOW	DARK GREEN, 1mm GRAIN, PILLWOED		Y
5940 MAFIC KOMATIITE	FLOW	DARK GREEN, 1-2mm GRAIN, PILLOWED		Y
5950 MAFIC KOMATIITE	FLOW	DARK GREEN, 1mm GRAIN, PYRITE, PILLOWED,		Y
5960 MAFIC KOMATIITE	FLOW	BLACK, 1-2mm GRAIN, PILLOWED		Y
5970 HI MAG BASALT	FLOW	SERPENTINITE, EPIDOTE, TREMOLITE	NORTH STAR BASALT	Y
5980 PERIDOTITIC KOM	FLOW	TREMOLITE, CHROMITE	NORTH STAR BASALT	Y
5990 PERIDOTITIC KOM	FLOW	CHROMITE, TREMOLITE	NORTH STAR BASALT	Y
6000 PERIDOTITIC KOM	FLOW	CHROMITE, TREMOLITE	NORTH STAR BASALT	Y
6010 PERIDOTITIC KOM	FLOW	TALC, CHROMITE	NORTH STAR BASALT	Y
6020 HI MAG BASALT	FLOW	AMPHIBLOITE, CHLORITE	NORTH STAR BASALT	Y
6030 PERIDOTITIC KOM	FLOW	CALCITE, TALC	NORTH STAR BASALT	Y
6040 HI MAG BASALT	FLOW	CLINOPYROXENE,AMPHIBOLITE, EPIDOTE	MOUNT ADA BASALT	Y

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
6050 PYROXENITE	FLOW	AMPHIBOLITE	MOUNT ADA BASALT	Y
6060 PYROXENITE	FLOW	TREMOLITE	MOUNT ADA BASALT	Y
6070 HI MAG BASALT	FLOW	SERPENTINITE, AMPHIBOLITE	MOUNT ADA BASALT	Y
6080 HI MAG BASALT	FLOW	TREMOLITE, CLINOPYROXENE	MOUNT ADA BASALT	Y
6090 PERIDOTITIC KOM	FLOW	CHROMITE, TREMOLITE	MOUNT ADA BASALT	Y
6100 PERIDOTITIC KOM	FLOW	TALC, SERPENTINITE	MOUNT ADA BASALT	Y
6110 PERIDOTITIC KOM	FLOW	TREMOLITE, SERPENTINITE, CHROMITE	MOUNT ADA BASALT	Y
6120 PERIDOTITIC KOM	FLOW	CHROMITE, TREMOLITE	MOUNT ADA BASALT	Y
6130 PERIDOTITIC KOM	FLOW	CHROMITE, TREMOLITE	MOUNT ADA BASALT	Y
6140 PYROXENITE	FLOW	CLINOPYROXENE, PLAGIOCLASE, SAUSSERITE	MOUNT ADA BASALT	Y
6150 PYROXENITE	FLOW	CLINOPYROXENE, AMPHIBOLITE, EPIDOTE	MOUNT ADA BASALT	Y
6160 PYROXENITE	FLOW	AMPHIBOLITE, CLINOPYROXENE, EPIDOTE	MOUNT ADA BASALT	Y
6170 PYROXENITE	FLOW	AMPHIBOLITE	MOUNT ADA BASALT	Y
6180 GABBRO	FLOW	CLINOPYROXENE	MOUNT ADA BASALT	Y
6190 HI MAG BASALT	FLOW	CLINOPYROXENE, CHROMITE, CALCITE	MOUNT ADA BASALT	Y
6200 PYROXENITE	FLOW	CLINOPYROXENE, TALC, CHROMITE	APEX BASALT	Y
6210 HI MAG BASALT	FLOW	CHROMITE, TREMOLITE, CLINOPYROXENE	APEX BASALT	Y
6220 PYROXENITE	FLOW	EPIDOTE, TREMOLITE, CALCITE	LOWER APEX BASALT	Y
6230 HI MAG BASALT	FLOW	CLINOPYROXENE, CALCITE	UPPER APEX BASALT	Y
6240 HI MAG BASALT	FLOW	CALCITE, CHROMITE, QUARTZ	UPPER APEX BASALT	Y
6250 HI MAG BASALT	FLOW	CALCITE	APEX BASALT	Y
6260 PERIDOTITIC KOM	FLOW	CALCITE	APEX BASALT	Y
6270 PERIDOTITIC KOM	FLOW	OLIVINE	APEX BASALT	Y
6280 PERIDOTITIC KOM	FLOW	OLIVINE, TREMOLITE	APEX BASALT	Y
6290 PERIDOTITIC KOM	FLOW	TREMOLITE, OLIVINE	APEX BASALT	Y
6300 PERIDOTITIC KOM	FLOW	TREMOLITE, OLIVINE	APEX BASALT	Y
6310 HI MAG BASALT	FLOW	TREMOLITE, CHROMITE, EPIDOTE	APEX BASALT	Y
6320 HI MAG BASALT	FLOW	TREMOLITE, EPIDOTE	APEX BASALT	Y
6330 HI MAG BASALT	FLOW	CLINOPYROXENE, SAUSSERITE, CHROMITE,	HONEYEATER BASALT	Y
6340 HI MAG BASALT	FLOW	CLINOPYROXENE, EPIDOTE, CHROMITE,	HONEYEATER BASALT	Y
6350 HI MAG BASALT	FLOW	CLINOPYROXENE, CHROMITE, CALCITE,	HONEYEATER BASALT	Y
6360 HI MAG BASALT	FLOW	CLINOPYROXENE,	HONEYEATER BASALT	Y
6370 HI MAG BASALT	FLOW	SILICIFIED	BURD BASALTS	Y
6380 PERIDOTITE	FLOW	CHILLED FLOWTOP, SPINIFEX, SERPENTINIZED	FLOW Y	Y
6390 PERIDOTITE	FLOW	CHILLED FLOWTOP, SPINIFEX, SERPENTINIZED	FLOW Z	Y
6400 PERIDOTITE	FLOW	COARSE, RANDOM SKELETAL & SPINIFEX OLIVINE	FLOW Y	Y
6410 PERIDOTITE	FLOW	MEDIUM GRAINED, SKELETAL & SPINIFEX OLIVINE		Y

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
6420 PERIDOTITE	FLOW	MEDIUM GRAINED, SKELETAL & SPINIFEX OLIVINE		Y
6430 PERIDOTITE	FLOW	MEDIUM GRAINED, SKELETAL & SPINIFEX OLIVINE	FLOW Z	Y
6440 PERIDOTITE	FLOW	OLIVINE CUMULATE, EQUANT & EUHEDRAL, SERPENTINIZED		M
6450 PERIDOTITE	FLOW	OLIVINE CUMULATE, EQUANT & EUHEDRAL, SERPENTINIZED	FLOW Y	M
6460 PERIDOTITE	FLOW	CUMMULATE ZONE		Y
6470 PERIDOTITE	FLOW	OLIVINE CUMULATE	FLOW Y	M
6480 PERIDOTITE	FLOW	OLIVINE CUMULATE	FLOW Y	M
6490 PERIDOTITE	FLOW	OLIVINE CUMULATE	FLOW Y	M
6500 PERIDOTITE	FLOW	BASE OF CUMULATE ZONE, EQUANT OLIVINE	FLOW Y	M
6510 PERIDOTITE	FLOW	BASE OF CUMULATE ZONE, EQUANT OLIVINE, ALTERED	FLOW Y	M
6520 PERIDOTITE	FLOW	BASE OF PARTIALLY SETTLED FLOW, EQUANT OLIVINE		Y
6530 PERIDOTITE	FLOW	TOP PARTIALLY SETTLED FLOW, RANDOM OLIVINE GRAINS	FLOW Y	Y
6540 PERIDOTITE	FLOW	CENTRE PARTIALLY SETTLED FLOW, OLIVINE GRAINS	FLOW Y	Y
6550 PERIDOTITE	FLOW	BASE OF PARTIALLY SETTLED FLOW, OLIVINE GRAINS	FLOW Y	Y
6560 PERIDOTITE	FLOW	CENTRE OF UNSETTLED FLOW, OLIVINE	FLOW Y	Y
6570 PERIDOTITE	FLOW	CENTRE OF UNSETTLED FLOW, OLIVINE	FLOW Y	Y
6580 PERIDOTITE	FLOW	UNSETTLED FLOW, LAVA TOES, OLIVINE	FLOW Y	Y
6590 PERIDOTITE	FLOW	UNSETTLED FLOW, EUHEDRAL & EQUANT OLIVINE	SOUTHWEST SECTION	Y
6600 PERIDOTITE	FLOW	UNSETTLED FLOW, EUHEDRAL & EQUANT OLIVINE, ALTERED	RANGE 8, CONC.6	Y
6610 PERIDOTITE	FLOW	UNSETTLED FLOW, OLIVINE COMPLETELY SERPENTINIZED		Y
6620 PERIDOTITE	FLOW	UNSETTLED FLOW, QUENCHED TYPE	FLOW X	Y
6630 PERIDOTITE	FLOW	UNSETTLED FLOW, QUENCHED TYPE	FLOW X	Y
6640 PERIDOTITE	FLOW	UNSETTLED FLOW, LESS OLIVINE RICH, SERPENTINIZED	RANGE 7, CONC.6	Y
6650 PERIDOTITE	FLOW	UNSETTLED FLOW, CENTRE OF LAVA TOE	RANGE 9, CONC.6	Y
6660 ANDESITIC KOM	FLOW	MASSIVE OLIVINE (FROM BELOW SPINIFEX FLOWTOP)	WARDEN TWP, RANGE9 CONC1	Y
6670 PERIDOTITE	VOLC	OLIVINE CUMULATE, SERPENTINIZED	FRED'S FLOW, WARDEN TWP.	N
6680 PERIDOTITE	VOLC	OLIVINE CUMULATE, SERPENTINIZED	FRED'S FLOW, WARDEN TWP.	N
6690 PERIDOTITE	VOLC	OLIVINE CUMULATE, SERPENTINIZED, FROM D.D.H.	FRED'S FLOW, RANGE6 CONC6	N

UNIQUE ROCK_NAME NUMBER		MATERIAL	DESCRIPTION	COMMENTS	LIQUID
6700	PERIDOTITE	VOLC	OLIVINE CUMULATE, SERPENTINIZED, FROM D.D.H.	FRED'S FLOW, WARDEN TWP.	N
6710	PERIDOTITE	VOLC	OLIVINE CUMULATE, SERPENTINIZED, FROM D.D.H.	FRED'S FLOW, WARDEN TWP.	N
6720	PERIDOTITE	VOLC	OLIVINE CUMULATE, SERPENTINIZED	FRED'S FLOW, RANGE7 CONC1	N
6730	?????????	VOLC	BORDER ZONE, OLIVINE IS SERPENTINIZED	FRED'S FLOW, RANGE7 CONC1	Y
6740	HYALOCLASTITE	VOLC	FLOWTOP HYALOCLASTITE, SULPHIDE MINERALS	THEO'S FLOW, RANGE6 CONC7	Y
6750	HYALOCLASTITE	VOLC	HYALOCLASTITE	THEO'S FLOW, RANGE7 CONC6	Y
6760	HYALOCLASTITE	VOLC	HYALOCLASTITE	CENTRE HILL COMPLEX	Y
6770	PYROXENITE	VOLC	CLINOPYROXENE CUMULATE, INTERSTITIAL FE OXIDES	THEO'S FLOW, RANGE7 CONC6	N
6780	PYROXENITE	VOLC	CLINOPYROXENE CUMULATE, INTERSTITIAL FE OXIDES	THEO'S FLOW	N
6790	PYROXENITE	VOLC	CLINOPYROXENE CUMULATE, INTERSTITIAL FE OXIDES	THEO'S FLOW	N
6800	PYROXENITE	VOLC	CLINOPYROXENE CUMULATE	THEO'S FLOW	N
6810	PERIDOTITE	VOLC	PYROXENE HORNBLENDE PERIDOTITE	THEO'S FLOW	Y
6820	KOMATIITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6830	KOMATTITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6840	KOMATTITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6850	KOMATTITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6860	KOMATTITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6870	KOMATIITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6880	KOMATIITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6890	KOMATIITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 3	Y
6900	KOMATIITE	VOLC	SERPENTINITE, CHLORITE , SPINIFEX	UNIT 5	Y
6910	BASALT	VOLC	OLIVINE CUMULATE, PORPHYRITIC, CHLORITIZED	UNIT 4	N
6920	BASALT	VOLC	OLIVINE CUMULATE, PORPHYRITIC, CHLORITIZED	UNIT 4	N
6930	BASALT	VOLC	OLIVINE PORPHYRY, 2M BELOW FLOWTOP, CHLORITIZED	FREDS FLOW	Y
6940	SERPENTINE	VOLC	CUMULATE		N
6950	SOAPSTONE	VOLC			Y
6960	KOMATIITE	VOLC	SERPENTENIZED CUMULATES,		N
6970	KOMATIITE	VOLC			Y
6980	KOMATIITE	VOLC	SPINIFEX		Y
6990	BASALTIC KOM	FLOW		VERMILLION DISTRICT	Y

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
7000 BASALTIC KOM	FLOW		VERMILLION DISTRICT	Y
7010 BASALTIC KOM	VOLC	ACICULAR PYROXENITIC BASALT,	CYCLE III	Y
7020 BASALTIC KOM	VOLC	ACICULAR PYROXENITIC BASALT	CYCLE I	Y
7030 BASALT	FLOW	OLVIVINE PORPHRYTIC BASALT, FLOWTOP BRECCIA	FRED'S FLOW	Y
7040 BASALT	FLOW	GABBROIC, PEGMATOID GABBRO, COARSE, AUGITE GRAINS	THED'S FLOW	Y
7050 KOMATIITE	VOLC	TREMOLITE, CHLORITE, MAGNETITE		Y
7060 KOMATIITE	VOLC	TREMOLITE, CHLORITE, MAGNETITE		Y
7070 BASALTIC KOM	VOLC	TREMOLITE, CHLORITE, CLINOPYROX, MAGNETITE, LEU		Y
7080 OLV CUMULATE	FLOW	SERPENTINITE, MAGNETITE, CLINOPYROXENE		Y
7090 KOMATIITE	VOLC	CHILL MARGIN, APHYRIC	GROUP I	Y
7100 KOMATIITE	VOLC	OLIVINE SPINIFEX, APHYRIC	GROUP II	Y
7110 KOMATIITE	VOLC	OLIVINE SPINIFEX, APHYRIC	GROUP I	Y
7120 KOMATIITE	VOLC	OLIVINE SPINIFEX, APHYRIC	GROUP II	Y
7130 KOMATIITE	VOLC	OLIVINE SPINIFEX, APHYRIC	GROUP I	Y
7140 KOMATIITE	VOLC	PILLOW, APHYRIC	GROUP II	Y
7150 KOMATIITE	VOLC	APHYRIC	GROUP II	Y
7160 KOMATIITE	VOLC	APHYRIC	GROUP II	Y
7170 KOMATIITE	VOLC	OLIVINE SPINIFEX, APHYRIC	GROUP II	Y
7180 KOMATIITE	VOLC	APHYRIC	GROUP II	Y
7190 KOMATIITE	VOLC	OLIVINE PHYRIC	GROUP II	N
7200 KOMATIITE	VOLC	OLIVINE PHYRIC	GROUP I	N
7210 KOMATIITE	VOLC	OLIVINE PHYRIC	GROUP II	N
7220 KOMATIITE	VOLC	OLIVINE PHYRIC	GROUP I	N
7230 KOMATIITE	VOLC	OLIVINE & CLINOPYROXENE PHYRIC	GROUP I	N
7240 KOMATIITE	VOLC	OLIVINE & CLINOPYROXENE PHYRIC	GROUP II	N
7250 KOMATIITE	VOLC	OLIVINE & CLINOPYROXENE PHYRIC	GROUP II	N
7260 KOMATIITE	VOLC	OLIVINE & CLINOPYROXENE PHYRIC	GROUP II	N
7270 KOMATIITE	VOLC	OLIVINE & CLINOPYROXENE PHYRIC	GROUP I	N
7280 KOMATIITE	VOLC	OLIVNE & CLINOPYROXENE PHYRIC	GROUP II	N
7290 PICRITE BASALT	VOLC	AMPHIBOLITIZED, PILLOW	LOT 21, RANGE IX	Y
7300 PICRITE BASALT	VOLC	PILLOW	LOT 19, RANGE I	Y
7310 SERPENTINITE	VOLC	CUMULATE, DERIVED FROM DUNITE, MAIN ASBESTOS ZONE	LOT 48, RANGE I	N
7320 DUNITE	VOLC	CUMULATE, SERPENTINIZED, MAIN ASBESTOS ZONE	LOT 48, RANGE I	N
7330 HI MAG BASALT	VOLC	PORPHYRITIC		?
7340 HI MAG BASALT	VOLC	PORPHYRITIC		?
7350 HI MAG BASALT	VOLC	PORPHYRITIC		?
7360 HI MAG BASALT	VOLC	PORPHYRITIC		?
7370 PERIDOTITE	VOLC	SPINIFEX, MARGIN OF PODIFORM PERIDOTITE		Y
7380 SERPENTINITE	VOLC	CUMULATE	SANDSPRUIIT FM	
7390 PERIDOTITE	VOLC	EXTENSIVE SERPENTINIZATION	KOMATI FM	
7400 SERPENTINITE	VOLC	CUMULATE	KOMATI FM	N
7410 SERPENTINITE	VOLC	CUMULATE	MOOOSEWOEG FM	N
7420 TALC CARBONATE	VOLC	ALTERED	JAMESTOWN SCHIST BELT	

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
7430	TALC CARBONATE	VOLC	ALTERED	JAMESTOWN SCHIST BELT	
7440	TALC CARBONATE	VOLC	ALTERED	KAAPMUIDEN-MALELANE	
7450	TALC CARBONATE	VOLC	ALTERED	KAAPMUIDEN-MALELANE	
7460	AUGITE PERIDOTITE	VOLC	WEHRLITE	MARSHALL POOL	Y
7470	AUGITE PERIDOTITE	VOLC		MARSHALL POOL	Y
7480	AUGITE PERIDOTITE	VOLC		MARSHALL POOL	Y
7490	AUGITE PICRITE	VOLC		MARSHALL POOL	Y
7500	AUGITE PICRITE	VOLC		MARSHALL POOL	Y
7510	SEPENTENITE	VOLC		CARNILYA HILL	Y
7520	METAPYROXENITE	VOLC	TREMOLITE, CHLORITE, TALC	CARNILYA HILL	Y
7530	METABASALT	VOLC	PLAGIOCLASE, ACTINOLITE	CARNILYA HILL	Y
7540	DUNITE	VOLC	CUMULATE	6 MILE	N
7550	DUNITE	VOLC	CUMULATE	6 MILE	N
7560	DUNITE	VOLC	CUMULATE	6 MILE	N
7570	DUNITE	VOLC	CUMULATE	GOLIATH NORTH	N
7580	DUNITE	VOLC	CUMULATE	GOLIATH NORTH	N
7590	DUNITE	VOLC	CUMULATE	GOLIATH NORTH	N
7600	DUNITE	VOLC	CUMULATE	6 MILE	N
7610	PERIDOTITE	VOLC	CUMULATE	6 MILE	N
7620	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES	SERP HILL	N
7630	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES	SERP HILL	N
7640	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES	SERP HILL	N
7650	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES	SERP HILL	N
7660	PERIDOTITE	VOLC	SPINIFEX, LAYERED SERIES	SERP HILL	Y
7670	PERIDOTITE	VOLC	SPINIFEX, LAYERED SERIES		Y
7680	PYROX PERIDOTITE	VOLC	SPINIFEX, LAYERED SERIES		Y
7690	PYROX PERIDOTITE	VOLC	LAYERED SERIES		Y
7700	PYROX PERIDOTITE	VOLC	LAYERED SERIES		Y
7710	PYROXENITE	FLOW	LAYERED SERIES		Y
7720	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7730	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7740	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7750	PERIDOTITE	VOLC	LAYERED SERIES		Y
7760	PERIDOTITE	VOLC	LAYERED SERIES		Y
7770	PERIDOTITE	VOLC	LAYERED SERIES		Y
7780	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7790	PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7800	PERIDOTITE	VOLC	SPINIFEX, LAYERED SERIES		Y
7810	PYROX PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7820	PYROX PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7830	PYROX PERIDOTITE	VOLC	CUMULATE, LAYERED SERIES		N
7840	PYROX PERIDOTITE	VOLC	LAYERED SERIES		Y
7850	PYROX PERIDOTITE	VOLC	LAYERED SERIES		Y
7860	PYROX PERIDOTITE	VOLC	LAYERED SERIES		Y
7870	PYROXENITE	FLOW	LAYERED SERIES		Y
7890	PERIDOTITIC KOM	VOLC		SANDSPRUIT FM	
7890	PERIDOTITIC KOM	VOLC	TREMOLITE, CHLORITE, ANTIGORITE, MAGNETITE	SANDSPRUIT FM	
7900	PERIDOTITIC KOM	VOLC	TREMOLITE, CHLORITE, ANTIGORITE, MAGNETITE, CLNPYX	SANDSPRUIT FM	

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
7910	METABASALT	VOLC	MASSIVE FELDSPAR, BEARING FLOW	KOMATI FM	
7920	METABASALT	VOLC	PILLOWED CARBONATIZED	KOMATI FM	
7930	BASALTIC KOM	VOLC	MASSIVE AMPHIBOLITE, CLOSE TO GRANIT CONTACT	THEESPRUIT FM	
7940	METABASALT	VOLC	MASSIVE, TREMOLITE, ACTINOLITE, DIOPSIDIC REMNANTS	KOMATI FM	
7950	METABASALT	VOLC	MASSIVE, TREMOLITE, ACTINOLITE, DIOPSIDIC REMNANTS	KOMATI FM	
7960	METABASALT	VOLC	MASSIVE, TREMOLITE, ACTINOLITE, DIOPSIDIC REMNANTS	KAAPMUIDEN-MALELANE	
7970	METABASALT	VOLC	MASSIVE, TREMOLITE, ACTINOLITE, DIOPSIDIC REMNANTS	KAAPMUIDEN-MALELANE	
7980	METABASALT	VOLC	MASSIVE, TREMOLITE, ACTINOLITE, DIOPSIDIC REMNANTS	KAAPMUIDEN-MALELANE	
7990	METABASALT	VOLC	PILLOWED	KOMATI FM	
8000	METABASALT	VOLC	AMPHIBOLITE	STEYNSDORP ANTICLINE	
8010	METABASALT	VOLC	AMPHIBOLITE	KAAPMUIDEN-MALELANE	
8020	METABASALT	VOLC	AMPHIBOLITE	KAAPMUIDEN-MALELANE	
8030	AMPHIBOLITE	VOLC		KAAPMUIDEN-MALELANE	
8040	METABASALT	VOLC	AMPHIBOLITE	KOMATI FM	
8050	AMPHIBOLITE	VOLC	MAGNETITE RICH	KAAPMUIDEN-MALELANE	
8060	PERIDOTITIC KOM	FLOW	SPINIFEX	KOMATI FM.	Y
8070	BASALTIC KOM	FLOW	RANDOM CLINOPYROXENE SPINIFEX	HOOGGENOEG FM.	Y
8080	BASALTIC KOM	FLOW	PILLOWED	HOOGGENOEG FM.	Y
8090	BASALTIC KOM	FLOW	PARALLEL CLINOPYROXENE SPINIFEX	HOOGGENOEG FM.	Y
8100	PERIDOTITIC KOM	FLOW	SPINIFEX	KOMATI FM.	Y
8110	BASALTIC KOM	FLOW	RANDOM CLINOPYROXENE SPINIFEX	HOOGGENOEG FM.	Y
8120	BASALTIC KOM	FLOW	PILLOWED	HOOGGENOEG FM.	Y
8130	BASALTIC KOM	FLOW	PARALLEL CLINOPYROXENE SPINIFEX	HOOGGENOEG FM.	Y
8140	AMPHIBOLE CHLORITE	FLOW	CULULATE, RELICT PHENOCRYSTS	ORIGINALLY MASSIVE LAVA	N
8150	AMPHIBOLE CHLORITE	FLOW	CUMULATE, RELICT PHENOCRYSTS	ORIGINALLY MASSIVE LAVA	N
8160	AMPHIBOLE CHLORITE	FLOW	CUMULATE, URALITIC TREMOLITE ACTINOLITE PHENOCRYST	ORIGINALLY MASSIVE LAVA	N
8170	AMPHIBOLE CHLORITE	FLOW	CUMULATE, AGGREGATES OF TREMOLITE LATHS	ORIGINALLY MASSIVE LAVA	N
8180	AMPHIBOLE CHLORITE	FLOW	AUTOBRECCIATED LAVA, FRAGMENTS WELDED TOGETHER	ORIGINALLY MASSIVE LAVA	N
8190	AMPHIBOLE CHLORITE	FLOW	MASSIVE, FEW AMYGDULES FILLED WITH TREMOLITE	ORIGINALLY MASSIVE LAVA	Y
8200	AMPHIBOLE CHLORITE	FLOW	MASSIVE, FEW AMYGDULES FILLED TREMOLITE ACTINOLITE	ORIGINALLY MASSIVE LAVA	Y
8210	AMPHIBOLE CHLORITE	FLOW	BLEBS OF CUMMINGTONITE & CALCITE	ORIGINALLY MASSIVE LAVA	Y
8220	AMPHIBOLE CHLORITE	FLOW	BLEBS OF CUMMINGTONITE & CALCITE	ORIGINALLY MASSIVE LAVA	Y
8230	AMPHIBOLE CHLORITE	FLOW	ANCIENT WEATHERING CRUST, CHLORITIC FRAGMENTS	ORIGINALLY MASSIVE LAVA	?
8240	AMPHIBOLE CHLORITE	FLOW	ANCIENT WEATHERING CRUST, CHLORITIC FRAGMENTS	ORIGINALLY MASSIVE LAVA	?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
8250	LAPILLISTONE	PYRO	LITHIC LAPILLISTONE	COARSE GRAINED EJECTA	N
8260	LAPILLISTONE	PYRO	LITHIC LAPILLISTONE	COARSE GRAINED EJECTA	N
8270	LAPILLISTONE	PYRO	LITHIC LAPILLISTONE	COARSE GRAINED EJECTA	N
8280	AGGLOMERATE	PYRO	LITHIC AGGLOMERATE	COARSE GRAINED EJECTA	N
8290	AGGLOMERATE	PYRO	LITHIC AGGLOMERATE, RECRYSTALLIZED & CARBONATED	COARSE GRAINED EJECTA	N
8300	LAPILLISTONE	PYRO	LITHIC LAPILLISTONE, RECRYSTALLIZED	COARSE GRAINED EJECTA	N
8310	AGGLOMERATE	PYRO	LITHIC AGGLOMERATE, RECRYSTALLIZED	COARSE GRAINED EJECTA	N
8320	AGGLOMERATE	PYRO	LITHIC-VITRIC AGGLOMERATE, CARBONATE,	COARSE GRAINED EJECTA	N
8330	LAPILLISTONE	PYRO	LITHIC-VITRIC LAPILLISTONE	COARSE GRAINED EJECTA	N
8340	LAPILLISTONE	PYRO	LITHIC-VITRIC LAPILLISTONE, RECRYSTALLIZED, CACO3	COARSE GRAINED EJECTA	N
8350	LAPILLISTONE	PYRO	LITHIC LAPILLISTONE, REWORKED	COARSE GRAINED EJECTA	N
8360	TUFF	PYRO	LITHIC-VITRIC LAPILLI TUFF	FINE GRAINED EJECTA	N
8370	TUFF	PYRO	VITRIC-LITHIC TUFF	FINE GRAINED EJECTA	N
8380	TUFF	PYRO	LITHIC LAPILLI TUFF, VITRIC SHARDS,	FINE GRAINED EJECTA	N
8390	TUFF	PYRO	VITRIC-LITHIC TUFF, VITRIC DROPLETS & SHARDS	FINE GRAINED EJECTA	N
8400	OLIVINE	FLOW	CUMULATE, OLIVINE & BASTITIC PHENOCRYSTS	ORIGINAL LAVA	Y
8410	TUFF	PYRO	FLUIDAL-SHAPE EJECTA, OLIVINE & PYROXENE CRYSTALS	FINE GRAINED EJECTA	N
8420	TUFF	PYRO	FLUIDAL-SHAPE EJECTA, OLIVINE & PYROXENE CRYSTALS	FINE GRAINED EJECTA	N
8430	VOLCANIC SANDSTONE	PYRO	EPICLASTIC VOLCANIC SANDSTONE, SERPENTINE CLASTS	FINE GRAINED EJECTA	N
8440	OLIVINE PERIDOTITE	FLOW	BASE OF FLOW, LEAST ALTERED	KOMATI FM	
8450	OLIVINE PERIDOTITE	VOLC	NEAR CONTEMPORANEOUS SILL, LOW OLIVINE CONTENT	KOMATI FM	
8460	OLIVINE PERIDOTITE	VOLC	NEAR CONTEMPORANEOUS SILL	KOMATI FM	
8470	PERIDOTITE	FLOW	CENTRE OF FLOW, 58% OLIVINE	KOMATI FM	
8480	PERIDOTITE	FLOW	CENTRE OF FLOW, 58% ALTERED OLIVINE	KOMATI FM	
8490	PERIDOTITE	FLOW	PILLOWED, FLOWTOP, OVOID ANTIGORITE IN CHL & TREM	KOMATI FM	
8500	BASALT	VOLC	VERY COARSE GRAINED MASSIVE, MIDDLE OF FM	HOOGGENOEG FM	
8510	BASALT	VOLC	DENSE MASSIVE	KROMBERG FM	
8520	BASALT	VOLC	COARSE GRAINED PYROXENITE	KROMBERG FM	
8530	ULTRAMAFIC	VOLC	INTERLAYERED SEPENTINITE, MIDDLE OF FM	HOOGGENOEG FM	
8540	ULTRAMAFIC	VOLC	AMPHIBOLIZED PYROXENITE, MIDDLE OF FM	HOOGGENOEG FM	
8550	PERIDOTITIC KOM	VOLC	AMPHIBOLIZED, TOP OF FM	HOOGGENOEG FM	
8560	ULTRAMAFIC	VOLC	SERPENTINIZED WEHRLITE, LOWER FM	HOOGGENOEG FM	

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
B570 ULTRAMAFIC	VOLC	????	HOOGGENOEG FM	
B580 ULTRAMAFIC	FLOW	ANTHOPHYLLITIC	KROMBERG FM	
B590 ULTRAMAFIC FLOW	FLOW	RANDOM OLIVINE SPINIFEX, HOPPER OLIVINE & VESICLES	STUART'S FLOW, 3.1m THICK	Y
B600 ULTRAMAFIC FLOW	FLOW	PLATE SPINIFEX, NO VESICLES OR HOPPER OLIVINE	STUART'S FLOW, 3.1m THICK	Y
B610 ULTRAMAFIC FLOW	FLOW	PLATE SPINIFEX, NO VESICLES OR HOPPER OLIVINE	STUART'S FLOW, 3.1m THICK	Y
B620 ULTRAMAFIC FLOW	FLOW	FOLIATED SKELETAL OLIVINE, FINE GRAIN PERIDOTITE	STUART'S FLOW, 3.1m THICK	N
B630 ULTRAMAFIC FLOW	FLOW	CUMULATE, EQUANT OLIVINE, SERPENTINIZED	STUART'S FLOW, 3.1m THICK	N
B640 ULTRAMAFIC FLOW	FLOW	BASAL CHILL MARGIN OF OVERLYING FLOW	OVERLYING FLOW, 1.1m THICK	Y
B650 PERIDOTITE	VOLC	CUMULATE, HARZBURGITE VARIETY		N
B660 PERIDOTITE	VOLC	CUMULATE, HARZBURGITE VARIETY		N
B670 PERIDOTITE	VOLC	CUMULATE, HARZBURGITE VARIETY		N
B680 DUNITE	VOLC	CUMULATE, SERPENTINIZED OLIVINE		N
B690 DUNITE	VOLC	CUMULATE, SERPENTINIZED OLIVINE		N
B700 DUNITE	VOLC	CUMULATE, SERPENTINIZED OLIVINE		N
B710 DUNITE	VOLC	CUMULATE, SERPENTINIZED OLIVINE		N
B720 DUNITE	VOLC	CUMUALTE, SERPENTINIZED OLIVINE		Y
B730 PYROXENITE	VOLC	MAINLY ORTHOPYROXENE WITH SOME CLINOPYROXENE		Y
B740 PYROXENITE	VOLC	MAINLY ORTHOPYROXENE WITH SOME CLINOPYROXENE		Y
B750 PYROXENITE	VOLC	MAINLY ORTHOPYROXENE WITH SOME CLINOPYROXENE		Y
B760 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B770 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B780 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B790 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B800 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B810 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B820 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B830 AMPHIBOLITE	VOLC	MONO-MINERALIC HORNDBLENDE SOME PLAGIOCLASE		Y
B840 PERIDOTITE	VOLC	CUMULATE, HARZBURBITE VARIETY		N

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
8850	DUNITE	VOLC	CUMUALTE, SERPENTINIZED OLIVINE		Y
8860	PYROXENITE	VOLC	MAINLY ORTHOPYROXENE SOME CLINOPYROXENE		Y
8870	PYROXENITE	VOLC	CUMULATE, MAINLY ORTHOPYROXENE SOME CLINOPYROXENE		N
8880	PYROXENITE	VOLC	CUMULATE, MAINLY ORTHOPYROXENE SOME CLINOPYROXENE		N
8890	PYROXENITE	VOLC	MAINLY ORTHOPYROXENE SOME CLINOPYROXENE		Y
8900	DUNITE	VOLC	CUMULATE, SERPENTINIZED OLIVINE		N
8910	PYROXENITE	VOLC	CUMULATE, ORTHOPYROXENE SOME CLINOPYROXENE		N
8920	PYROXENITE	VOLC	CUMULATE, ORTHOPYROXENE SOME CLINOPYROXENE		N
8930	PYROXENITE	VOLC	MAINLY ORTHOPYROXENE SOME CLINOPYROXENE, HBD PLAG		Y
8940	PERIDOTITIC KOM	FLOW	PILLOW, ACICULAR CLINOPYROXENE, RARE OLIVINE	RELIANCE FM	Y
8950	PERIDOTITIC KOM	FLOW	CENTRE OF FLOW, SPINIFEX & PLUMOSE CLINOPYROXENE	RELIANCE FM	Y
8960	PERIDOTITIC KOM	FLOW	OLIVINE SPINIFEX, ACICULAR CLINOPYROXENE	RELIANCE FM	Y
8970	PERIDOTITIC KOM	FLOW	OLIVINE SPINIFEX, ACICULAR CLINOPYROXENE	RELIANCE FM	Y
8980	PERIDOTITIC KOM	FLOW	CENTRE OF FLOW, ACICULAR & PLUMOSE CLINOPYROXENE	RELIANCE FM	Y
8990	PERIDOTITIC KOM	FLOW	SKELETAL & EQUANT OLIVINE, CLINOPYROXENE SPINIFEX	RELIANCE FM	Y
9000	PERIDOTITIC KOM	FLOW	CENTRE OF FLOW, SKELETAL OLIVINE, PLUMOSE CLINOPYX	RELIANCE FM	Y
9010	PERIDOTITIC KOM	FLOW	SPINIFEX & EQUANT OLIVINE, RARE SKELETAL OLIVINE	RELIANCE FM	Y
9020	PERIDOTITIC KOM	FLOW	CENTRE OF FLOW, EQUANT & HOLLOW OLIVINE	RELIANCE FM	Y
9030	PERIDOTITIC KOM	FLOW	SPINIEX & SKELETAL OLIVINE, SERPENTINIXED	RELIANCE FM	Y
9040	PERIDOTITIC KOM	FLOW	EQUANT & SKELETAL OLIVINE, SPINIFEX	RELIANCE FM	Y
9050	PERIDOTITIC KOM	FLOW	TOP OF FLOW, SKELETAL & EQUANT OLIVINE	RELIANCE FM	Y
9060	PERIDOTITIC KOM	FLOW	SPINIFEX & EQUANT OLIVINE, SERPENTINIZED	RELIANCE FM	Y
9070	PERIDOTITIC KOM	FLOW	SKELETAL & EQUANT OLIVINE, SERPENTINIZED	RELIANCE FM	N
9080	PERIDOTITIC KOM	FLOW	SPINIFEX FLOAT, SKELETAL & EQUANT OLIVINE	RELIANCE FM	Y
9090	PERIDOTITIC KOM	FLOW	SPINIFEX & EQUANT OLIVINE, RARE SKELETAL OLIVINE	RELIANCE FM	Y

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
9100 PERIDOTITIC KOM	FLOW	LAVA TONGUES? SKELETAL & EQUANT OLIVINE	RELIANCE FM	?
9110 PERIDOTITIC KOM	FLOW	SPINIFEX FLOAT, SKELETAL & EQUANT OLIVINE	RELIANCE FM	Y
9120 PERIDOTITIC KOM	FLOW	LAVA TONGUES? SKELETAL & EQUANT OLIVINE	RELIANCE FM	?
9130 PERIDOTITIC KOM	VOLC	PILLOW, OLIVINE PLATES, CHLORITE	RELIANCE FM	N
9140 PERIDOTITIC KOM	FLOW	MASSIVE, EQUANT & SKELETAL OLIVINE	RELIANCE FM	Y
9150	VOLC	EQUANT & HOLLOW OLIVINE, SKELETAL CLINOPYROXENE	MENEGERE RIVER	N
9160 PERIDOTITIC KOM	FLOW	SKELETAL & ACICULAR OLIVINE, CHLORITE, TREMOLITE	RELIANCE FM	Y
9170 ULTRAMAFIC FLOW	FLOW	EUHEDRAL & HOLLOW OLIVONE, PARTLY SERPENTINIZED	RELIANCE FM	
9180 OL SPINIFEX FLOW	FLOW	OLIVINE SPINIFEX, SERPENTINIZED, CLINOPYROXENE	MENEGERE RIVER	Y
9190 OL SPINIFEX FLOW	FLOW	OLIVINE SPINIFEX, SERPENTINIZED, CLINOPYROXENE	MENEGERE RIVER	Y
9200 BASALTIC KOM	VOLC	COLUMNAR CLINOPYROXENE SPINIFEX, SERPENTINIZED	RELIANCE FM	Y
9210 BASALTIC KOM	VOLC	SPHERULITIC, TABULAR CLINOPYROXENE, TREMOLITE	ZEEDERBERG FM	Y
9220 BASALTIC KOM	VOLC	CLEAVED MAFIC, HOLLOW CLINOPYROXENE, TREMOLITE	RELIANCE FM	N
9230 ULTRAMAFIC RIDGE	VOLC		MENEGERE RIVER	?
9240 ULTRAMAFIC RIDGE	VOLC	EUHEDRAL OLIVINE, SERPENTINIZED, CLINOPYROXENE	RELIANCE FM	N
9250 PERIDOTITE	FLOW	SPINIFEX, FROM OREBEARING ULTRAMAFIC FLOW	SILICATE LIQUID	Y
9260 BRECCIA	PYRO	BRECCIA	INSITU CRYSTALLIZED UNIT	?
9270 DEVITRIFIED GLASS	FLOW	FLOWTOP	INSITU CRYSTALLIZED UNIT	Y
9280 PERIDOTITE	FLOW	SPINIFEX	INSITU CRYSTALLIZED UNIT	Y
9290 PERIDOTITE	FLOW	SKELETAL TEXTURE	INSITU CRYSTALLIZED UNIT	Y
9300 HARRISITE	FLOW	PRIMARY HARRISITE	INSITU CRYSTALLIZED UNIT	?
9310 PERIDOTITE	FLOW	SKELETAL TEXTURE	INSITU CRYSTALLIZED UNIT	Y
9320 DEVITRIFIED GLASS	FLOW	FLOW BOTTOM	INSITU CRYSTALLIZED UNIT	Y
9330 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9340 BASALTIC KOM	FLOW	EXTENSIVE ALTERATION	DONUT LAKE FM.	Y
9350 PERIDOTITIC KOM.	FLOW	EXTENSIVE ALTERATION	DONUT LAKE FM.	Y
9360 BASALTIC ANDESITE	FLOW		DONUT LAKE FM.	Y
9370 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9380 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9390 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9400 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9410 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9420 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9430 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9440 PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
9450	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9460	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9470	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9480	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9490	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9500	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9510	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9520	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9530	PERIDOTITIC KOM.	FLOW	PLAGIOCLASE, HIGH MAGNESIUM	DONUT LAKE FM.	Y
9540	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9550	PERIDOTITIC KOM.	FLOW		DONUT LAKE FM.	Y
9560	KOMATIITE	FLOW		GOOSE LAKE FM.	Y
9570	KOMATIITE	FLOW	LOWER CHILLED MARGIN	GOOSE LAKE FM.	Y
9580	KOMATIITE	FLOW	NO SPINIFEX	GOOSE LAKE FM.	Y
9590	KOMATIITE	FLOW	UPPER CHILLED ZONE	GOOSE LAKE FM.	Y
9600	KOMATIITE	FLOW	NO SPINIFEX	GOOSE LAKE FM.	Y
9610	KOMATIITE	FLOW	NO SPINIFEX	GOOSE LAKE FM.	Y
9620	KOMATIITE	FLOW	SPINIFEX	GOOSE LAKE FM.	Y
9630	KOMATIITE	FLOW	LOWER CHILLED MARGIN	GOOSE LAKE FM.	Y
9640	KOMATIITE	FLOW	NO SPINIFEX	GOOSE LAKE FM.	Y
9650	KOMATIITE	FLOW	SPINIFEX	GOOSE LAKE FM.	Y
9660	KOMATIITE	FLOW	UPPER CHILLED ZONE	GOOSE LAKE FM.	Y
9670	PERIDOTITIC KOM	FLOW	UPPER CHILL MARGIN	RICHARD'S FLOW	Y
9680	PERIDOTITIC KOM	FLOW	RANDOM SPINIFEX ZONE	RICHARD'S FLOW	Y
9690	PERIDOTITIC KOM	FLOW	UPPER PLATE SPINIFEX ZONE	RICHARD'S FLOW	Y
9700	PERIDOTITIC KOM	FLOW	CENTRAL PLATE SPINIFEX ZONE	RICHARD'S FLOW	Y
9710	PERIDOTITIC KOM	FLOW	LOWER PLATE SPINIFEX ZONE	RICHARD'S FLOW	Y
9720	PERIDOTITIC KOM	FLOW	FOLIATED HOPPER OLIVINE	RICHARD'S FLOW	Y
9730	PERIDOTITIC KOM	FLOW	UPPER OLIVINE CUMULATE ZONE	RICHARD'S FLOW	N
9740	PERIDOTITIC KOM	FLOW	CENTRAL OLIVINE CUMULATE ZONE	RICHARD'S FLOW	N
9750	PERIDOTITIC KOM	FLOW	LOWER OLIVINE CUMULATE ZONE	RICHARD'S FLOW	N
9760	PERIDOTITIC KOM	FLOW	LOWER CHILL MARGIN	RICHARD'S FLOW	Y
9770	PERIDOTITIC KOM	FLOW	UPPER CHILL MARGIN	MORRIS'S FLOW	Y
9780	PERIDOTITIC KOM	FLOW	RANDOM SPINIFEX ZONE	MORRIS'S FLOW	Y
9790	PERIDOTITIC KOM	FLOW	UPPER PLATE SPINIFEX ZONE	MORRIS'S FLOW	Y
9800	PERIDOTITIC KOM	FLOW	UPPER OLIVINE CUMULATE ZONE	MORRIS'S FLOW	N
9810	PERIDOTITIC KOM	FLOW	CENTRAL OLIVINE CUMULATE ZONE	MORRIS'S FLOW	N
9820	PERIDOTITIC KOM	FLOW	CENTRAL OLIVINE CUMULATE ZONE	MORRIS'S FLOW	N
9830	PERIDOTITIC KOM	FLOW	LOWER OLIVINE CUMULATE ZONE	MORRIS'S FLOW	N
9840	PERIDOTITIC KOM	FLOW	LOWER CHILL MARGIN	MORRIS'S FLOW	Y
9850	BASLTIC KOM	FLOW	FLOWTOP BRECCIA	TONY'S FLOW	Y
9860	BASLTIC KOM	FLOW	UPPER PORTION OF FLOW	TONY'S FLOW	Y
9870	BASLTIC KOM	FLOW	CENTRAL PORTION OF FLOW	TONY'S FLOW	Y
9880	BASLTIC KOM	FLOW	LOWER PORTION OF FLOW	TONY'S FLOW	Y
9890	BASLTIC KOM	FLOW	BASAL PORTION OF FLOW	TONY'S FLOW	Y
9900	BASLTIC KOM	FLOW	LOWER CHILL MARGIN	TONY'S FLOW	Y
9910	METAPICRITES	FLOW	FLOW BRECCIA, MOSTLY TREMOLITE, SOME CHLORITE	UPPER & LOWER OSPAWAGON	Y
9920	METAPICRITES	FLOW	OLIVINE PHENOCRYSTS, TREMOLITE & CHLORITE	UPPER & LOWER OSPAWAGON	N

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
9930 METAPICRITES	FLOW	OLIVINE PHENOCRYSTS, TREMOLITE & CHLORITE	UPPER & LOWER OSPAWAGON	N
9940 METAPICRITES	FLOW	FLOW BRECCIA, MOSTLY TREMOLITE, SOME CHLORITE	UPPER & LOWER OSPAWAGON	Y
9950 METAPICRITES	FLOW	FLOW BRECCIA, MOSTLY TREMOLITE, SOME CHLORITE	UPPER & LOWER OSPAWAGON	Y
9960 METAPICRITES	FLOW	OLIVINE PHENOCRYSTS, TREMOLITE & CHLORITE	UPPER & LOWER OSPAWAGON	N
9970 METAPICRITES	FLOW	OLIVINE PHENOCRYSTS, TREMOLITE & CHLORITE	UPPER & LOWER OSPAWAGON	N
9980 METAPICRITES	FLOW	OLIVINE PHENOCRYSTS, TREMOLITE & CHLORITE	UPPER & LOWER OSPAWAGON	N
9990 PERIDOTITE	FLOW	OLIVINE CUMULATE, SERPENTINIZED, 10% MAGNETITE		N
10000 PERIDOTITE	FLOW	OLIVINE CUMULATE, SERPENTINIZED, 10% MAGNETITE		N
10010 PERIDOTITE	FLOW	OLIVINE CUMULATE, SERPENTINIZED, 10% MAGNETITE		N
10020 PERIDOTITE	FLOW	OLIVINE CUMULATE, SERPENTINIZED, 10% MAGNETITE		N
10030 PERIDOTITE	FLOW	OLIVINE CUMULATE, SERPENTINIZED, 10% MAGNETITE		N
10040 PYROXENTITE	FLOW	CLINOPYROXENE CUMULATE, SERPENTINIZED	NEAR MANASAN RIVER	N
10050 HYALOCLASTITE	VOLC		OVERLYING CENTRE HILL SIL	N
10060 HYALOCLASTITE	VOLC		OVER DIFFERENTIATED BODY	N
10070 OLIVINE	FLOW	SPINIFEX FROM 2m THICK FLOW		Y
10080 PERIDOTITE	FLOW	CUMULATE FROM SAME FLOW AS MC0018		N
10090 PERIDOTITE	FLOW	UNSETTLED FLOW		Y
10100 BRECCIA	FLOW	FLOWTOP BREECIA	LAYERED FLOW L	Y
10110 CLINOPYROXENITE	FLOW		LAYERED FLOW L	?
10120 PERIDOTITE	FLOW		LAYERED FLOW L	?
10130 PERIDOTITE	FLOW	OLIVINE DEPLETED, BASE OF FLOW	LAYERED FLOW L	Y
10140 HYALOCLASTITE	VOLC		LAYERED FLOW H	N
10150 GABBRO	FLOW		LAYERED FLOW H	?
10160 CLINOPYROXENITE	FLOW		LAYERED FLOW H	?
10170 PERIDOTITE	FLOW	CLINOPYROXENE	LAYERED FLOW H	Y
10180 OLIVINE, BASALT	FLOW	BROKEN PILLOW BRECCIA	POTTER MINE	Y
10190 OLIVINE BASALT	FLOW	BROKEN PILLOW BRECCIA	POTTER MINE	Y
10200 OLIVINE BASALT	VOLC	HYALOCLASTITE	POTTER MINE	N
10210 OLIVINE BASALT	VOLC	HYALOCLASTITE	POTTER MINE	N
10220 OLIVINE BASALT	VOLC	HYALOCLASTITE	POTTER MINE	N
10230 OLIVINE BASALT	VOLC	HYALOCLASTITE	POTTER MINE	N
10240 OLIVINE BASALT	VOLC	HYALOCLASTITE	POTTER MINE	N
10250 OLIVINE BASALT	FLOW	QUENCH TEXTURED	POTTER MINE	Y
10260 OLIVINE BASALT	FLOW	QUENCH TEXTURED	POTTER MINE	Y
10270 OLIVINE BASALT	FLOW	QUENCH TEXTURED	POTTER MINE	Y
10280 OLIVINE BASALT	FLOW	QUENCH TEXTURED	POTTER MINE	Y
10290 OLIVINE BASALT	FLOW	QUENCH TEXTURED	POTTER MINE	Y

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
10300 KOMATIITE	FLOW	SPINIFEX	POTTER MINE	Y
10310 KOMATIITE	FLOW	SPINIFEX	POTTER MINE	Y
10320 KOMATIITE	FLOW	SPINIFEX	POTTER MINE	Y
10330 KOMATIITE	FLOW	SPINIFEX	POTTER MINE	Y
10340 KOMATIITE	FLOW	SPINIFEX	POTTER MINE	Y
10350 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10360 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10370 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10380 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10390 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10400 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10410 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10420 KOMATIITE	FLOW	CUMULATE PERIDOTITE	POTTER MINE	N
10430 PERIDOTITE	FLOW	FOLLIATED SKELETAL OLIVINE, UPPER FLOW- ZONE B2		Y
10440 PERIDOTITE	FLOW	KNOBBY PERIDOTITE, UPPER FLOW- ZONE B3		Y
10450 BASALTIC KOM	FLOW	CENTRE 1m FLOW, PILLOW, MEDIUM MICHIPICOTEN-UPPER SERIES		Y
10460 SPINIFEX ROCK	FLOW	GRAINED, CENTRE OF 3m SPINIFEX ZONE, 15m BELOW FLOWTOP		Y
10470 PERIDOTITIC KOM	FLOW	400m FLOW, OLIVINE RICH, QUENCH TYPE	KOMATI FM.	Y
10480 PERIDOTITE	VOLC	SPINIFEX, OLIVINE & CLINOPYROXENE REMNANTS		Y
10490 PERIDOTITE	VOLC	SPINIFEX		Y
10500 PERIDOTITE	VOLC	SPINIFEX		Y
10510 PERIDOTITE	VOLC	SPINIFEX		Y
10520 PERIDOTITE	FLOW	TOP OF FLOW		Y
10530 PERIDOTITE	FLOW	TOP OF FLOW		Y
10540 PERIDOTITE	FLOW	TOP OF FLOW		Y
10550 PERIDOTITE	FLOW	TOP OF FLOW		Y
10560 PERIDOTITE	FLOW	TOP OF FLOW		Y
10570 PERIDOTITE	FLOW	TOP OF FLOW		Y
10580 PERIDOTITE	FLOW	BASE OF FLOW		Y
10590 PERIDOTITE	FLOW	CENTRE OF FLOW		Y
10600 PERIDOTITE	FLOW	CENTRE OF FLOW		Y
10610 PERIDOTITE	FLOW	SPINIFEX, CENTRE OF FLOW		Y
10620 PERIDOTITE	FLOW	TOP OF FLOW		Y
10630 PERIDOTITE	FLOW	TOP OF FLOW		Y
10640 PERIDOTITE	FLOW	SERPENTINIZED, CENTRE OF FLOW		Y
10650 PERIDOTITE	FLOW	SERPENTINIZED, CENTRE OF FLOW		Y
10660 PERIDOTITE	FLOW	SERPENTINIZED, CENTRE OF FLOW		Y
10670 PERIDOTITE	FLOW	CENTRE OF FLOW		Y
10680 PERIDOTITE	VOLC	OLIVINE, FLOW OR SILL		Y
10690 PERIDOTITE	FLOW	OLIVINE, BASE OF FLOW		Y
10700 PERIDOTITE	FLOW	PILLOW, TOP OF FLOW		N
10710 VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10720 VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
10730	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10740	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10750	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10760	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10770	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10780	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10790	VOLCANICLASTIC	PYRO	GRADED <3m BEDS, CHLORITIZED SHARDS	SPINIFEX RIDGE	N
10800	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE, ACTINOLITE	UPPER SEQUENCE	N
10810	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE, ACTINOLITE	UPPER SEQUENCE	Y
10820	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE	MIDDLE SEQUENCE	Y
10830	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE	MIDDLE SEQUENCE	Y
10840	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE	MIDDLE SEQUENCE	Y
10850	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE, ACTINOLITE	MIDDLE SEQUENCE	Y
10860	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE	LOWER SEQENCE	Y
10870	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE	LOWER SEQENCE	Y
10880	ULTRABASIC	FLOW	SERPENTINIZED, GREY MASSIVE	LOWER SEQENCE	Y
10890	ULTRABASIC	FLOW	SERPENTINIZED, PICTRITIC METABASALT	MIDDLE SEQUENCE	Y
10900	ORTHOPYROXENITE	VOLC	ALTERED ORTHOPYROXENE, LOWER OPX ZONE	SHIP HILL	Y
10910	ORTHOPYROXENITE	VOLC	WELL PRESERVED ORTHOPYROXENE, UPPER OPX ZONE	SHIP HILL	Y
10920	WEBSTERITE	VOLC	AMPHIBOLIZED, CLINOPYROXENE, LOWER WEBSTERITE ZONE	SHIP HILL	Y
10930	DUNITE PERIDOTITE	VOLC	PARTLY ALTERED, LOWER DUNITE ZONE, FRESH OLIVINE	SHIP HILL	Y
10940	PERIDOTITE	VOLC	CHILLED MARGIN, SERPENTINIZED	KOEDOE FM.	Y
10950	ORTHOPYROXENITE	VOLC	SOME ALTERED PLAGIOCLASE, LOWER WEBSTERITE ZONE	KOEDOE FM.	Y
10960	ORTHOPYROXENITE	VOLC	INTERCUMULUS PLAGIOCLASE, MIDDLE OPX ZONE	KOEDOE FM.	N
10970	ORTHOPYROXENITE	VOLC	INTERCUMULUS PLAGIOCLASE, UPPER OPX ZONE	KOEDOE FM.	N
10980	WEBSTERITE	VOLC	FRESH, SOME PLAGIOCLASE, LOWER WEBSTERITE ZONE	KOEDOE FM.	Y
10990	WEBSTERITE	VOLC	FRESH, UPPER WEBSTERITE ZONE	KOEDOE FM.	Y
11000	PERIDOTITE	VOLC	PARTLY ALETERED DUNITE, ABUNDANT FRESH OLIVINE	SHIP HILL	Y
11010	WEBSTERITE	VOLC	ALTERED, WEBSTERITE ZONE	BUD	Y
11020	DUNITE	VOLC	ALTERED, UPPER DUNITE-PERIDOTITE ZONE	BUD	Y

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
11030	MATRIX-KOMATIITE	VOLC	MATRIX AROUND OCELLI OF T.1-J	BADPLAAS FM.	N
11040	PERIDOTITIC KOM	VOLC	SERPENTINIZED	MELGESHOOGTE SCHIST BELT	Y
11050	BASALTIC KOM	VOLC		KOMATI FM.	Y
11060	BASALTIC KOM	VOLC	HIGHER IN SEQUENCE THAN BK-2	KOMATI FM.	Y
11070	BASALTIC KOM	VOLC	HIGHER IN SEQUENCE THAN BK-2	KOMATI FM.	Y
11080	GABBRO	VOLC	TOP OF DUNITE PERIDOTITE HARZBURGITE SEQUENCE	STOLZBURG LAYERED COMPLEX	Y
11090	AMPHIBOLITE	VOLC	FINE, ACICULAR TREMOLITE ACTINOLITE, OXIDES	KOMATI FM.	Y
11100	AMPHIBOLITE	VOLC	HORNBLENDE, TREMOLITE, SERPENTINITE, CHLORITE	KOMATI FM.	Y
11110	ORTHOPYROXENITE	VOLC	MASSIVE, ORTHOPYROXENE, MINOR SERPENTINITE	STOLZBURG LAYERED COMPLEX	Y
11120	PERIDOTITE	VOLC	CUMULATE	WARDEN-MUNRO SECTION	N
11130	CLINOPYROXENITE	VOLC	CUMULATE	WARDEN-MUNRO SECTION	N
11140	PERIDOTITE	VOLC	CUMULATE	WARDEN-MUNRO SECTION	N
11150	PERIDOTITE	VOLC	CUMULATE	WARDEN-MUNRO SECTION	N
11160	CLINOPYROXENITE	VOLC	CUMULATE	WARDEN-MUNRO SECTION	N
11170	PERIDOTITE	VOLC	CUMULATE	MCCOOL HILL SECTION	N
11180	CLINOPYROXENITE	VOLC	CUMULATE	MCCOOL HILL SECTION	N
11190	CLINOPYROXENITE	VOLC	CUMULATE	MCCOOL HILL SECTION	N
11200	CLINOPYROXENITE	VOLC	CUMULATE	MCCOOL HILL SECTION	N
11210	PERIDOTITE	VOLC	CUMULATE	MCCOOL HILL SECTION	N

EXT3.TBL -- Table 3

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
10	42.59	2.77	11.49	.	32.12	2.65	0.31	0.03	0.22	.	0.13	.	.	.	.	8.70	100.99
20	46.00	3.90	11.90	.	26.71	7.30	0.50	.	0.39	0.04	0.17	.	.	.	.	2.90	99.80
30	49.30	5.50	15.30	.	17.30	10.10	1.30	.	0.51	0.06	0.20	.	.	.	.	0.70	100.27
40	53.30	5.22	12.00	.	13.60	12.50	1.30	0.18	0.47	0.10	0.21	.	.	.	.	0.60	99.48
50	51.20	5.37	1.70	9.74	15.28	12.10	1.19	0.20	0.52	0.06	0.19	0.05	.	2.99	.	.	100.59
60	50.90	4.65	6.28	4.38	15.62	15.54	0.04	0.10	0.50	0.06	0.24	0.06	.	2.12	.	.	100.49
70	41.80	2.92	4.13	6.77	30.00	3.78	0.20	0.02	0.29	0.03	0.20	0.05	.	9.53	.	.	99.72
80	42.50	3.77	4.73	6.90	28.80	4.86	0.19	0.01	0.36	0.04	0.18	0.03	.	7.46	.	.	99.83
90	40.80	3.16	4.92	3.22	34.10	2.68	0.12	0.06	0.12	0.03	0.10	0.18	.	10.32	.	.	99.51
100	39.60	2.32	6.49	2.87	36.60	1.64	0.11	0.02	0.10	0.03	0.15	0.11	.	10.08	.	.	100.12
110	52.93	2.02	0.71	7.24	28.83	2.51	0.04	0.18	0.11	0.04	0.18	0.15	.	4.60	.	.	99.57
120	27.46	2.65	22.48	.	22.18	2.76	0.03	0.02	0.13	.	0.17	.	11.20	10.00	.	.	100.90
130	36.85	4.56	14.46	.	27.85	3.91	0.04	0.06	.	0.23	0.19	.	2.30	9.80	.	.	100.86
140	39.34	4.17	11.17	.	30.57	4.14	0.04	0.08	0.21	.	0.20	.	1.80	8.50	.	.	100.86
150	42.79	8.77	12.24	.	20.33	7.82	0.16	0.10	0.44	0.03	0.20	.	0.04	6.20	.	.	99.45
160	41.44	5.86	10.40	.	28.58	5.33	0.06	0.09	0.30	.	0.16	.	0.08	8.42	.	.	101.12
170	41.36	5.54	8.94	.	27.31	8.04	0.26	0.06	0.30	.	0.17	.	0.03	8.26	.	.	100.71
180	39.80	6.00	10.47	.	26.11	6.01	0.02	0.04	0.30	.	0.18	.	0.06	9.83	.	.	99.20
190	41.40	5.89	10.43	.	28.10	5.27	0.04	0.10	0.32	0.04	0.17	.	0.03	7.17	.	.	99.36
200	41.10	5.86	10.98	.	28.21	5.51	0.26	0.09	0.28	.	0.18	.	0.20	7.26	.	.	100.39
210	41.20	6.42	18.32	.	20.18	7.65	0.10	0.04	0.31	0.07	0.13	.	5.36	1.00	.	.	100.33
220	38.02	6.26	21.96	.	18.43	7.68	0.03	0.04	0.32	0.06	0.15	.	4.43	1.63	.	.	99.70
230	36.33	2.88	7.74	.	36.80	0.49	0.05	0.01	0.15	.	0.10	.	.	14.42	.	.	101.15
240	40.02	7.31	14.41	.	21.01	8.05	0.03	0.05	0.33	0.03	0.21	.	.	7.37	.	.	99.10
250	40.81	5.48	13.07	.	27.36	5.03	0.03	0.03	0.28	0.01	0.17	.	.	7.44	.	.	99.96
260	41.08	7.28	11.95	.	23.54	6.88	0.04	0.04	0.38	0.03	0.17	.	.	9.43	.	.	101.09
270	38.24	4.01	11.98	.	31.04	3.15	0.04	0.04	0.21	0.02	0.15	.	.	9.20	.	.	98.40
280	38.72	3.71	8.23	.	34.43	2.40	0.04	0.06	0.19	0.02	0.14	.	.	12.40	.	.	100.50
290	39.86	4.59	10.43	.	30.94	2.86	0.05	0.06	0.24	0.01	0.22	.	0.56	11.62	.	.	102.54
300	38.86	4.59	10.41	.	31.52	2.87	0.09	0.06	0.24	0.01	0.22	.	0.56	12.18	.	.	102.38
310	40.41	4.51	9.37	.	31.41	3.19	0.05	0.10	0.23	0.02	0.17	.	.	11.50	.	.	101.44
320	39.46	5.11	10.11	.	29.59	3.32	0.10	0.05	0.24	.	0.21	.	.	10.46	.	.	98.99
330	42.13	6.47	11.07	.	26.69	6.38	0.04	0.04	0.32	0.03	0.18	.	.	8.84	.	.	102.40
340	41.10	5.57	10.51	.	28.43	4.79	0.10	0.08	0.27	0.02	0.22	.	.	8.85	.	.	100.14
350	40.25	4.91	9.89	.	31.23	2.92	0.04	0.08	0.26	0.02	0.23	.	.	11.35	.	.	101.39
360	41.28	8.19	11.47	.	22.32	10.33	0.05	0.05	0.39	0.03	0.22	.	.	6.60	.	.	101.17
370	39.91	7.10	10.87	.	24.43	8.58	0.08	0.07	0.35	.	0.18	.	.	8.07	.	.	99.90
380	41.29	7.84	11.26	.	26.70	7.50	0.03	0.05	0.40	0.04	0.15	.	1.16	7.08	.	.	100.86
390	42.21	6.79	10.43	.	27.52	3.72	0.05	0.05	0.34	0.04	0.08	.	0.93	8.36	.	.	101.02
400	36.48	2.54	9.10	.	32.06	2.96	0.02	0.06	0.14	0.02	0.12	.	1.14	13.60	.	.	100.64
410	37.46	2.50	10.30	.	32.98	2.60	0.02	0.04	0.13	0.02	0.13	.	1.10	13.17	.	.	100.34
420	43.65	6.13	10.36	.	23.47	6.31	0.07	0.04	0.32	.	0.15	.	.	8.67	.	.	99.40
430	41.07	7.43	11.70	.	21.68	7.02	0.15	0.05	0.42	0.03	0.15	.	.	8.17	.	.	98.13
440	41.07	7.79	10.72	.	19.53	7.32	0.03	1.00	0.42	0.02	0.14	.	.	11.52	.	.	99.75
450	42.17	7.36	11.29	.	22.72	7.41	0.04	0.04	0.41	0.04	0.17	.	.	7.86	.	.	99.83
460	40.72	8.84	12.64	.	50.30	8.47	0.10	0.08	0.52	0.03	0.20	.	.	7.26	.	.	99.43
470	43.15	5.93	10.60	.	21.94	8.62	0.09	0.04	0.33	0.04	0.17	.	.	7.84	.	.	98.07
480	43.96	7.55	11.61	.	22.47	6.85	0.22	0.14	0.39	0.06	0.15	.	.	7.93	.	.	101.73
490	38.75	2.30	9.33	.	34.92	0.37	0.02	0.01	0.11	.	0.11	-9.90	0.43	14.50	.	.	101.44
500	43.53	7.83	12.63	.	20.73	8.23	0.05	0.06	0.38	0.04	0.23	.	0.02	5.68	.	.	99.97

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOT
510	43.87	8.02	11.96	.	21.59	7.58	0.03	0.04	0.38	0.06	0.16	.	0.08	5.93	.	.	100.1
520	46.39	6.06	11.11	.	24.33	3.63	0.02	0.02	0.30	0.01	0.15	.	0.01	9.00	.	.	101.3
530	42.64	8.66	13.46	.	22.79	5.65	0.03	0.05	0.40	0.03	0.16	.	0.01	8.62	.	.	102.7
540	37.22	4.24	11.15	.	35.85	0.11	0.04	0.02	0.19	0.08	0.09	.	0.14	12.81	.	.	102.33
550	39.34	2.86	7.80	.	35.40	0.91	0.03	0.02	0.14	.	0.08	.	0.17	12.26	.	.	99.39
560	39.33	3.09	8.69	.	37.28	1.27	0.13	0.02	0.17	.	0.12	.	0.18	8.41	.	.	99.09
570	37.17	2.45	7.03	.	38.49	0.17	0.80	0.05	0.13	.	0.22	.	0.10	14.27	.	.	101.25
580	36.43	2.62	7.93	.	36.74	0.81	0.02	0.01	0.13	.	0.11	.	0.17	13.29	.	.	98.66
590	42.47	7.06	10.64	.	22.71	6.02	0.02	0.05	0.33	0.02	0.18	.	.	9.28	.	.	99.17
600	44.28	8.75	12.33	.	18.79	8.47	0.44	0.18	0.42	0.02	0.21	.	.	5.73	.	.	99.94
610	43.76	3.85	8.32	.	24.54	6.55	0.04	.	0.16	.	0.08	.	.	11.29	.	.	98.96
620	48.74	9.84	2.16	9.63	15.32	11.15	2.26	0.03	0.02	.	0.25	.	.	4.30	.	.	.
630	48.16	6.43	2.72	8.16	27.07	6.11	0.26	0.58	0.32	0.01	0.18	.	.	6.00	.	.	.
640	47.40	6.06	2.31	8.30	29.57	5.42	0.11	0.24	0.26	0.14	0.18	.	.	4.80	.	.	.
650	48.92	7.01	2.64	7.97	25.83	6.80	0.18	0.04	0.04	0.02	0.18	.	.	6.20	.	.	.
660	49.20	6.76	3.95	7.84	23.29	7.61	0.33	0.30	0.36	0.14	0.22	.	.	8.00	.	.	.
670	46.64	6.04	3.02	7.80	29.34	5.99	0.21	0.37	0.29	0.14	0.16	.	.	6.80	.	.	.
680	47.84	6.86	.	10.73	26.67	7.21	0.01	0.10	0.29	0.11	0.20	.	.	.	.	.	.
690	47.65	5.84	13.31	.	18.29	9.63	0.14	0.02	0.55	.	0.20	.	.	.	.	4.21	99.84
700	51.08	7.30	12.22	.	13.27	13.02	0.61	0.06	0.69	.	0.19	.	.	.	.	4.21	99.84
710	47.29	8.10	10.43	.	21.05	7.69	0.50	0.08	0.42	.	0.18	.	.	.	.	4.01	99.75
720	50.64	7.57	12.26	.	18.04	9.85	0.88	0.06	0.42	.	0.22	.	.	.	.	2.07	100.01
730	45.79	7.07	14.44	.	20.12	5.84	0.20	0.01	0.52	.	0.22	.	.	.	.	5.05	99.26
740	47.02	7.15	4.19	5.97	24.93	5.44	0.57	-0.02	0.41	0.02	0.19	.	.	.	.	5.00	100.91
750	40.72	3.98	10.35	.	32.09	2.92	0.02	0.01	0.17	.	0.19	.	.	.	.	9.60	100.10
760	43.93	6.41	11.23	.	25.66	7.06	0.06	0.02	0.26	.	0.17	.	.	.	.	4.85	99.60
770	41.46	4.02	9.55	.	32.34	3.55	0.04	0.01	0.16	.	0.20	.	.	.	.	10.00	101.30
780	43.77	7.40	8.85	.	26.68	6.87	0.13	0.02	0.31	.	0.18	.	.	.	.	5.90	100.10
790	48.35	9.86	1.72	10.63	11.81	11.51	1.34	0.15	1.18	0.13	0.21	0.06	0.02	0.15	0.06	.	98.16
800	50.12	9.91	13.46	.	10.95	11.80	1.24	0.26	1.21	0.16	0.18	.	.	0.80	.	.	100.09
810	42.60	2.87	15.12	.	34.18	2.29	0.02	0.02	0.27	0.05	0.23	.	.	1.78	.	.	.
820	44.28	3.31	15.03	.	31.34	3.30	0.09	0.05	0.31	0.07	0.18	.	.	2.38	.	.	100.34
830	54.29	7.96	12.59	.	10.60	9.72	2.35	0.08	0.78	0.10	0.20	.	.	1.34	.	.	100.01
840	52.72	7.37	12.15	.	11.34	10.56	2.97	0.05	0.64	0.08	0.17	.	.	1.21	.	.	99.26
850	52.59	6.96	11.10	.	13.12	10.83	1.61	0.11	0.65	0.08	0.17	.	.	2.05	.	.	.
860	55.03	7.14	9.98	.	13.65	8.24	1.55	0.22	0.49	0.06	0.14	.	.	2.75	.	.	99.25
870	56.30	8.38	1.59	7.00	10.80	8.37	3.55	0.12	0.65	0.05	0.15	0.02	0.02	1.84	0.07	.	98.89
880	45.50	8.18	2.33	13.48	12.96	11.43	1.57	0.14	0.93	0.17	0.22	0.26	.	2.59	.	.	99.76
890	46.55	8.09	2.04	14.58	11.52	11.15	1.72	0.06	0.95	0.21	0.26	0.21	.	2.38	.	.	99.72
900	45.47	7.80	.	9.61	22.04	7.46	0.28	0.01	0.33	.	0.19	.	.	.	.	5.80	99.00
910	45.20	8.35	.	10.96	21.80	5.59	0.20	0.01	0.40	0.02	0.18	.	.	.	.	6.27	98.98
920	46.90	8.41	.	11.02	19.00	8.35	0.07	0.01	0.51	0.05	0.20	.	.	.	.	5.18	99.70
930	48.70	9.88	.	12.19	13.60	9.24	2.04	0.07	0.63	0.02	0.23	.	.	.	.	2.57	99.18
940	45.40	9.44	.	12.17	19.00	7.38	0.62	0.07	0.48	0.07	0.20	.	.	.	.	5.00	99.83
950	43.70	8.51	.	11.40	20.90	7.24	0.11	0.01	0.48	0.05	0.19	.	.	.	.	5.58	98.17
960	46.90	7.27	.	10.65	21.50	7.28	0.15	0.01	0.41	0.05	0.15	.	.	.	.	5.48	99.85
970	45.40	8.24	.	11.55	20.70	7.25	0.18	0.01	0.46	0.05	0.19	.	.	.	.	6.01	100.04
980	45.60	8.47	.	12.15	18.80	7.70	0.58	0.03	0.50	0.07	0.19	.	.	.	.	5.13	99.22
990	43.90	8.38	.	14.07	19.20	7.50	0.28	0.02	0.48	0.07	0.21	.	.	.	.	5.32	99.43
1000	45.80	8.56	.	12.78	19.00	8.20	0.40	0.03	0.45	0.05	0.23	.	.	.	.	4.78	100.08

sse No. 3
5/13/87

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
1010	44.80	8.99	.	12.27	18.80	8.29	0.53	0.06	0.50	0.05	0.25	.	.	.	.	4.60	99.14
1020	41.00	4.99	5.60	4.05	32.40	1.82	0.10	0.08	0.27	0.04	0.04	0.32	0.01	8.81	0.81	.	100.50
1030	45.70	9.91	1.67	9.75	18.10	8.01	1.46	0.07	0.49	0.06	0.21	0.24	0.02	3.80	0.26	.	99.70
1040	36.50	1.94	9.96	2.28	37.10	0.04	.	.	0.15	0.01	0.13	0.24	0.02	11.60	0.49	.	100.50
1050	32.40	0.83	2.23	4.14	35.80	0.63	0.01	.	0.81	0.03	0.07	19.40	0.07	2.61	0.09	.	99.10
1060	37.20	1.24	7.53	2.76	39.30	0.06	.	.	0.10	0.04	0.08	0.32	0.07	11.41	0.05	.	101.10
1070	35.70	5.37	5.54	4.64	35.80	0.15	0.02	0.01	0.73	0.07	0.49	0.26	0.02	11.40	0.84	.	101.10
1080	44.50	8.26	1.91	8.90	21.70	8.12	0.51	0.02	0.59	0.05	0.14	0.22	0.01	4.69	0.51	.	100.10
1090	49.00	4.66	1.18	7.70	21.40	11.10	0.30	0.01	0.26	0.05	0.12	0.24	0.08	3.22	0.41	.	99.70
1100	40.80	4.80	6.31	6.65	27.30	5.67	0.24	0.03	0.31	0.05	0.19	0.26	0.03	5.86	0.97	.	99.50
1110	42.90	5.15	3.53	6.90	24.40	8.96	0.18	0.01	0.29	0.05	0.12	0.34	1.01	5.59	0.75	.	100.10
1120	50.12	9.91	13.46	.	10.95	11.80	1.24	0.26	1.21	0.16	0.18	.	.	0.29	.	.	99.42
1130	45.72	7.74	15.44	.	19.43	8.04	0.61	.	0.91	0.12	0.23	.	.	3.46	.	.	100.61
1140	47.20	9.72	15.28	.	11.70	12.59	1.07	0.24	1.19	0.13	0.29	.	.	0.54	.	.	99.95
1150	46.48	8.66	15.39	.	12.88	11.95	1.08	0.20	1.15	0.15	0.30	.	.	1.00	.	.	99.24
1160	54.29	7.96	12.59	.	10.60	9.72	2.35	0.08	0.78	0.10	0.20	.	.	1.34	.	.	100.01
1170	42.60	2.87	15.12	.	34.18	2.29	0.02	0.02	0.27	0.05	0.36	.	.	1.78	.	.	99.43
1180	44.28	3.31	15.03	.	31.34	3.30	0.09	0.05	0.34	0.07	0.18	.	.	2.37	.	.	100.33
1190	38.26	2.72	12.40	.	32.86	1.74	.	.	0.24	0.05	0.21	.	.	10.26	.	.	98.74
1200	52.72	7.37	12.15	.	11.34	10.56	2.97	0.05	0.64	0.08	0.17	.	.	1.21	.	.	99.26
1210	52.59	6.96	11.10	.	13.12	10.83	1.61	0.11	0.65	0.08	0.17	.	.	2.05	.	.	99.27
1220	55.03	7.14	9.98	.	13.65	8.24	1.55	0.22	0.49	0.06	0.14	.	.	2.75	.	.	99.25
1230	50.86	2.83	9.35	.	11.19	8.38	1.76	1.71	0.30	0.04	0.16	.	.	2.97	.	.	99.55
1240	39.83	4.01	4.09	5.19	32.32	2.83	0.08	0.05	0.26	0.08	0.18	.	.	10.03	0.28	.	99.22
1250	44.30	4.70	2.70	9.69	24.20	4.40	0.17	0.02	0.26	0.06	0.21	0.11	.	7.62	0.06	.	98.50
1260	46.70	6.00	-0.05	9.69	22.80	7.70	0.06	-0.01	0.37	0.06	0.13	0.05	.	6.34	.	.	98.51
1270	49.51	9.95	1.37	7.93	14.44	8.09	1.38	1.09	0.61	0.11	0.25	.	.	4.76	0.36	.	99.85
1280	39.73	4.10	4.09	5.20	31.49	2.84	0.22	0.08	0.27	0.15	0.20	.	.	10.68	0.24	.	99.26
1290	46.25	6.47	1.79	7.51	24.17	6.46	0.27	0.05	0.32	0.10	0.20	.	.	6.80	0.21	.	100.59
1300	49.70	6.40	1.30	8.23	20.30	7.60	0.12	0.01	0.32	0.05	0.13	0.05	.	5.01	.	.	99.22
1310	44.17	6.61	1.02	7.76	25.60	7.06	0.08	0.05	0.45	0.10	0.03	.	.	6.99	0.15	.	100.07
1320	41.42	7.00	.	11.80	26.38	5.35	0.17	0.06	0.33	0.05	0.14	0.29	0.04	.	.	7.30	.
1330	44.17	8.04	.	11.58	22.44	7.19	0.58	0.15	0.38	0.05	0.14	0.42	0.03	.	.	5.28	.
1340	45.16	9.32	.	11.69	18.96	8.59	0.87	0.13	0.42	0.05	0.15	0.42	0.02	.	.	4.66	.
1350	39.68	4.46	.	11.01	31.96	3.19	0.12	0.04	0.22	0.05	0.14	0.33	0.04	.	.	9.14	.
1360	39.84	4.93	.	10.11	30.84	4.47	0.50	0.13	0.24	0.05	0.14	0.43	0.03	.	.	8.76	.
1370	40.74	4.94	.	10.40	31.87	4.98	0.27	0.17	0.25	0.05	0.13	0.33	0.03	.	.	6.20	.
1380	41.25	6.66	.	11.19	26.52	5.71	0.19	0.09	0.30	0.05	0.13	0.34	0.02	.	.	7.88	.
1390	43.48	6.81	.	11.91	25.29	6.51	0.56	0.23	0.32	0.05	0.14	0.35	0.03	.	.	4.70	.
1400	41.51	7.09	.	10.36	28.53	5.44	0.26	0.20	0.29	0.05	0.14	0.37	0.03	.	.	6.14	.
1410	42.70	6.35	.	11.40	25.55	6.18	0.12	0.18	0.32	0.05	0.14	0.31	0.03	.	.	7.02	.
1420	42.26	5.86	.	10.64	28.82	5.71	0.25	0.14	0.28	0.05	0.14	0.30	0.02	.	.	5.75	.
1430	48.77	9.64	.	10.47	14.17	11.65	0.13	0.04	0.41	0.05	0.14	0.41	0.02	.	.	4.52	.
1440	34.24	3.57	.	13.37	35.14	2.37	0.02	0.04	0.18	0.05	0.15	0.14	0.03	.	.	10.84	.
1450	37.65	3.61	.	9.63	34.99	2.78	0.07	0.04	0.19	0.05	0.13	0.17	0.04	.	.	10.85	.
1460	40.68	9.10	.	13.37	20.26	9.15	0.13	0.05	0.50	0.04	0.16	0.21	0.02	.	.	6.56	.
1470	41.16	6.80	.	11.29	23.45	9.02	-9.99	0.04	0.32	0.05	0.13	2.37	0.23	.	.	7.75	.
1480	38.06	3.46	.	17.39	25.44	4.21	0.03	0.06	0.42	0.04	0.19	1.11	0.04	.	.	10.70	.
1490	46.48	7.77	.	11.30	18.42	11.78	0.59	0.09	0.44	0.05	0.17	0.11	0.02	.	.	2.92	.
1500	51.53	5.78	.	9.51	14.70	14.99	1.13	0.08	0.66	0.04	0.14	1.12	0.36	.	.	1.44	.

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTA
1510	49.74	6.43	.	11.46	14.66	13.54	0.66	0.13	0.70	0.04	0.14	0.40	0.01	.	.	2.50	.
1520	50.68	8.43	.	12.96	10.45	12.75	2.03	0.09	0.89	0.04	0.15	0.27	0.03	.	.	1.54	.
1530	51.89	5.80	.	10.50	13.73	15.06	0.68	0.06	0.65	0.04	0.14	0.21	0.03	.	.	1.45	.
1540	51.43	9.25	.	11.99	10.24	12.33	1.58	0.20	0.98	0.05	0.13	1.59	0.28	.	.	1.83	.
1550	51.89	6.77	.	10.85	12.66	13.89	1.45	0.10	0.78	0.05	0.14	0.66	0.12	.	.	1.67	.
1560	44.71	3.94	3.33	3.80	34.75	2.42	0.27	0.08	0.20	0.12	0.10	.	.	6.20	.	.	99.93
1570	42.08	5.39	4.90	4.32	32.26	2.52	0.23	0.15	0.23	0.16	0.12	.	.	7.61	.	.	99.97
1580	39.58	4.14	8.91	2.46	35.86	1.30	0.30	0.09	0.19	0.12	0.18	.	.	6.73	.	.	99.86
1590	39.85	2.98	9.42	2.00	35.72	1.28	0.25	0.10	0.16	0.16	0.12	.	.	7.92	.	.	99.95
1600	41.61	3.52	7.18	3.50	31.12	2.47	0.30	0.10	0.19	0.08	0.09	.	.	9.90	.	.	100.06
1610	41.46	3.22	7.38	3.38	31.39	3.03	0.30	0.10	0.17	0.09	0.16	.	.	9.60	.	.	100.28
1620	41.40	3.21	8.76	3.10	31.87	0.87	0.30	0.10	0.29	0.15	0.16	.	.	9.81	.	.	100.02
1630	41.64	3.29	7.99	3.54	32.00	1.06	0.30	0.10	0.21	0.14	0.18	.	.	9.90	.	.	100.35
1640	39.50	5.54	4.28	7.40	27.90	3.26	.	0.02	0.40	0.05	0.21	0.15	0.02	0.59	1.44	.	98.70
1650	40.10	5.56	3.93	6.90	24.30	7.52	.	0.02	0.39	0.05	0.17	2.80	0.04	5.45	0.92	.	99.10
1660	46.50	5.14	1.10	8.27	20.60	11.20	0.24	.	0.52	0.02	0.20	0.55	0.10	4.02	0.45	.	99.20
1670	44.00	8.07	0.89	10.90	18.80	9.97	0.38	0.05	0.74	0.03	0.25	0.20	0.02	4.52	0.46	.	99.30
1680	34.50	5.00	0.51	8.10	20.20	6.70	0.04	0.02	0.70	.	0.15	23.01	0.05	0.83	0.82	.	101.10
1690	35.90	6.90	0.80	9.00	18.80	5.30	0.04	0.15	0.70	.	0.14	19.40	0.04	1.42	0.77	.	100.50
1700	34.60	4.90	1.73	7.45	19.50	6.30	0.04	0.04	0.50	.	0.17	23.20	0.03	1.56	0.82	.	100.80
1710	44.80	6.90	11.30	.	27.40	1.75	0.03	.	0.40	0.02	0.08	1.40	0.01	9.06	.	.	101.70
1720	45.30	9.18	11.80	.	18.50	7.79	0.18	0.34	0.54	.	0.22	.	.	.	.	5.20	99.00
1730	27.10	1.60	3.16	6.16	28.40	0.38	.	0.01	0.20	0.04	0.10	31.28	0.01	0.27	0.21	.	98.60
1740	37.20	4.03	10.00	4.47	27.00	4.63	0.06	.	0.26	0.06	0.15	8.60	0.14	3.66	0.22	.	100.50
1750	42.50	3.17	2.20	5.03	31.40	1.60	0.10	0.01	0.20	0.06	0.72	2.80	0.01	8.71	0.29	.	97.44
1760	42.20	5.67	5.80	4.14	28.06	0.49	0.16	0.05	0.35	0.02	0.19	0.15	0.16	6.11	0.63	.	100.90
1770	43.10	5.54	10.70	.	27.20	7.42	0.12	0.06	0.35	0.02	0.18	0.40	0.09	6.39	.	.	101.60
1780	34.20	4.60	1.59	7.28	21.40	4.91	0.05	.	0.39	0.06	0.13	23.40	0.01	2.25	0.21	.	100.50
1790	46.50	7.09	1.10	10.20	19.80	9.26	0.10	0.02	0.43	0.07	0.26	0.20	0.01	3.81	0.32	.	99.20
1800	34.70	5.86	2.48	6.61	20.30	6.25	.	.	0.32	0.05	0.13	20.20	0.04	2.49	0.41	.	99.80
1810	34.20	3.66	8.17	.	21.40	6.52	.	.	0.22	.	0.16	25.60	0.03	.	.	27.20	101.60
1820	38.80	3.90	2.09	6.74	34.40	1.38	0.08	0.02	0.19	0.02	0.15	1.95	0.12	10.30	0.42	.	101.30
1830	33.80	5.05	1.03	7.20	20.40	4.76	0.39	0.19	0.29	0.06	0.15	25.40	0.01	1.48	0.13	.	100.30
1840	39.70	3.20	4.68	3.89	34.90	5.13	0.16	0.02	0.21	.	0.16	0.13	0.02	7.46	0.24	.	99.90
1850	44.00	6.17	3.13	6.90	27.90	6.82	0.57	0.05	0.34	0.03	0.18	0.18	0.03	2.90	0.35	.	99.50
1860	44.20	1.02	1.67	9.05	19.90	8.52	1.21	0.15	0.36	0.04	0.20	0.10	0.05	3.30	0.15	.	99.10
1870	38.10	3.78	1.39	6.65	32.20	4.30	0.10	0.01	0.23	0.10	0.15	2.05	0.03	10.80	0.44	.	100.92
1880	45.20	8.55	1.80	9.16	20.00	8.20	0.36	0.04	0.52	0.11	0.20	0.10	0.01	3.80	0.41	.	97.99
1890	44.70	8.17	1.80	8.62	22.40	7.80	0.75	0.14	0.42	0.14	0.19	0.10	0.02	2.09	0.23	.	97.19
1900	35.30	7.66	10.40	.	17.50	6.33	1.90	0.01	0.47	0.01	0.16	18.08	0.01	.	.	21.90	101.70
1910	41.10	4.25	3.40	3.05	33.40	3.50	0.10	0.01	0.32	0.10	0.14	0.20	0.01	9.90	0.30	.	100.20
1920	39.20	2.63	1.59	6.47	34.60	0.21	0.10	0.01	0.18	0.04	0.06	0.70	0.10	11.30	0.41	.	97.38
1930	48.60	6.74	11.60	.	15.00	11.70	0.46	0.68	0.42	.	0.28	.	.	.	.	8.30	96.80
1940	36.60	6.73	1.78	8.03	12.80	11.80	0.03	.	0.37	0.05	0.20	17.30	0.05	3.63	0.37	.	99.70
1950	43.30	8.32	9.21	.	11.40	9.53	2.24	0.01	0.42	0.04	0.19	14.20	0.04	.	.	17.01	101.70
1960	43.80	9.24	12.90	.	19.08	0.30	0.11	0.01	0.50	0.01	0.20	0.20	0.04	.	.	5.03	99.20
1970	42.80	9.79	12.90	.	14.40	6.94	2.00	.	0.52	.	0.16	.	0.03	.	.	13.60	101.10
1980	40.40	7.35	11.10	.	12.30	10.50	0.41	.	0.51	0.02	0.31	14.60	0.02	.	.	18.30	100.20
1990	45.90	8.58	12.10	.	18.10	9.20	0.67	0.05	0.54	.	0.19	.	0.01	.	.	4.11	99.40
2000	49.50	8.65	12.80	.	17.80	8.83	1.08	0.07	0.55	.	0.20	.	0.01	.	.	4.11	100.00

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
2010	41.80	7.88	10.20	.	15.07	0.99	1.75	0.01	0.40	0.03	0.17	12.40	0.04	.	.	15.20	.
2020	46.50	9.25	.	10.01	18.60	8.89	.	0.10	0.47	.	0.17	.	.	.	.	2.87	97.17
2030	52.35	6.46	.	9.00	17.82	10.80	.	0.72	0.29	.	0.18	.	.	.	.	1.84	97.98
2040	46.62	7.84	.	10.54	23.97	6.90	.	0.20	0.28	.	0.17	.	.	.	.	1.13	96.97
2050	48.79	7.90	.	9.89	21.69	8.35	.	0.20	0.38	.	0.18	.	.	.	.	1.85	97.73
2060	48.25	9.36	.	8.77	18.94	10.79	.	0.45	0.52	.	0.16	.	.	.	.	5.81	97.55
2070	51.30	5.40	.	9.02	25.60	3.31	.	2.50	0.28	.	0.19	.	.	.	.	2.40	99.03
2080	50.82	8.67	.	9.20	17.38	10.47	.	0.30	0.39	.	0.19	.	.	.	.	1.64	97.75
2090	49.11	5.86	.	9.10	27.09	5.83	.	0.17	0.30	.	0.20	.	.	.	.	3.39	98.36
2100	51.61	5.30	.	7.42	24.28	9.52	.	0.13	0.27	.	0.20	.	.	.	.	1.60	99.20
2110	50.92	5.18	.	7.52	25.05	9.12	.	0.13	0.26	.	0.15	.	.	.	.	1.84	97.74
2120	45.50	5.47	.	9.42	32.92	3.83	.	0.10	0.25	.	0.15	.	.	.	.	2.24	98.19
2130	46.45	5.40	.	8.79	33.69	3.17	.	0.10	0.21	.	0.15	.	.	.	.	2.08	98.67
2140	41.50	4.27	.	10.26	39.21	2.52	.	0.10	0.25	.	0.15	.	.	.	.	4.00	99.10
2150	41.63	3.90	.	9.80	41.22	2.20	.	0.10	0.16	.	0.13	.	.	.	.	2.53	99.79
2160	41.35	3.74	.	9.60	43.50	1.05	.	0.10	0.22	.	0.12	.	.	.	.	2.60	100.29
2170	38.50	3.79	.	12.51	40.86	1.22	.	0.10	0.20	.	0.15	.	.	.	.	2.66	98.14
2180	42.38	3.09	.	8.90	40.86	2.95	.	0.10	0.17	.	0.14	.	.	.	.	1.63	99.14
2190	41.32	2.89	.	9.06	39.89	3.02	.	0.10	0.16	.	0.14	.	.	.	.	1.77	97.35
2200	41.90	2.99	.	8.98	40.79	2.88	.	0.10	0.16	.	0.13	.	.	.	.	0.97	98.77
2210	42.18	3.13	.	8.46	42.08	2.55	.	0.10	0.17	.	0.13	.	.	.	.	1.64	99.44
2220	42.51	3.15	.	9.17	43.14	2.09	.	0.10	0.17	.	0.13	.	.	.	.	3.69	100.92
2230	40.52	3.23	.	12.45	38.42	2.19	.	0.11	0.17	.	0.17	.	.	.	.	10.10	98.20
2240	40.66	3.20	.	12.13	39.00	2.12	.	0.11	0.18	.	0.16	.	.	.	.	11.10	98.48
2250	41.69	3.42	.	12.08	37.62	2.12	.	0.11	0.18	.	0.14	.	.	.	.	10.00	98.52
2260	41.33	3.84	.	12.50	36.52	2.69	.	0.11	0.21	.	0.15	.	.	.	.	9.33	98.07
2270	47.23	7.11	.	10.60	25.85	1.01	.	0.21	0.43	.	0.17	.	.	.	.	3.80	99.02
2280	48.89	7.56	.	10.25	23.47	7.85	.	0.21	0.31	.	0.16	.	.	.	.	2.93	99.05
2290	45.46	6.93	.	10.82	29.40	5.76	.	0.21	0.42	.	0.14	.	.	.	.	5.00	99.61
2300	43.06	6.91	.	11.67	32.69	3.82	.	0.21	0.45	.	0.15	.	.	.	.	6.84	99.50
2310	45.20	7.84	.	11.56	25.77	7.25	.	0.21	0.48	.	0.18	.	.	.	.	3.90	98.94
2320	44.90	6.66	.	10.75	29.62	6.02	.	0.21	0.42	.	0.16	.	.	.	.	5.40	99.21
2330	46.19	5.25	.	9.91	31.95	5.61	.	0.22	0.32	.	0.14	.	.	.	.	7.93	100.07
2340	45.82	7.88	.	11.20	24.00	8.14	.	0.52	0.49	.	0.17	.	.	.	.	3.90	98.65
2350	45.91	7.27	.	10.85	24.26	9.08	.	0.21	0.46	.	0.17	.	.	.	.	4.10	98.65
2360	46.16	7.82	.	10.48	25.59	8.35	.	0.31	0.48	.	0.16	.	.	.	.	4.43	99.78
2370	45.98	7.87	.	10.74	23.35	8.62	.	0.62	0.47	.	0.17	.	.	.	.	3.80	98.25
2380	46.38	8.21	.	10.90	21.65	9.05	.	0.82	0.49	.	0.18	.	.	.	.	3.10	98.13
2390	46.91	8.96	.	10.98	20.68	9.80	.	0.93	0.52	.	0.17	.	.	.	.	2.87	99.39
2400	46.41	8.13	.	10.85	23.00	8.07	.	0.73	0.49	.	0.17	.	.	.	.	3.60	98.28
2410	46.52	7.23	.	10.19	26.30	8.03	.	0.21	0.43	.	0.16	.	.	.	.	4.77	99.50
2420	48.08	8.59	.	10.51	18.20	10.55	.	0.83	0.48	.	0.19	.	.	.	.	3.40	97.81
2430	45.43	7.31	.	11.66	25.84	6.61	.	0.52	0.35	.	0.18	.	.	.	.	4.20	98.47
2440	44.17	7.38	.	12.20	26.90	6.56	.	0.21	0.40	.	0.20	.	.	.	.	4.67	98.86
2450	50.44	6.52	.	9.67	25.96	5.43	.	0.42	0.40	.	0.13	.	.	.	.	5.53	99.51
2460	47.97	5.85	.	10.09	27.66	6.11	.	0.21	0.35	.	0.17	.	.	.	.	3.60	98.85
2470	48.23	9.13	.	10.60	18.23	9.65	.	0.51	0.54	.	0.18	.	.	.	.	2.40	97.75
2480	46.25	8.72	.	11.19	20.22	9.32	.	0.21	0.55	.	0.18	.	.	.	.	3.70	97.09
2490	45.82	8.21	.	11.52	22.34	8.25	.	0.21	0.51	.	0.18	.	.	.	.	3.90	97.54
2500	46.83	8.70	.	10.97	18.59	11.09	.	0.21	0.54	.	0.15	.	.	.	.	2.70	97.52

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
2510	46.33	8.94	.	11.35	18.45	10.86	.	0.21	0.55	.	0.15	.	.	.	.	2.50	97.28
2520	46.65	8.75	.	10.85	19.09	10.94	.	0.20	0.55	.	0.17	.	.	.	.	3.20	97.66
2530	47.20	8.54	.	10.57	20.29	9.40	.	0.41	0.53	.	0.17	.	.	.	.	3.50	97.52
2540	45.17	6.17	.	10.84	28.76	5.50	.	0.21	0.42	.	0.14	.	.	.	.	7.30	97.93
2550	48.75	8.59	.	9.95	20.88	7.35	.	0.94	0.49	.	0.16	.	.	.	.	4.40	97.51
2560	47.24	9.23	.	10.76	16.90	12.08	.	0.31	0.59	.	0.16	.	.	.	.	2.40	97.62
2570	45.86	9.23	.	11.51	17.85	11.08	.	0.21	0.62	.	0.16	.	.	.	.	0.60	96.92
2580	45.72	9.22	.	11.51	18.16	11.97	.	0.21	0.61	.	0.17	.	.	.	.	3.20	97.94
2590	46.02	9.22	.	11.27	17.53	12.30	.	0.21	0.60	.	0.16	.	.	.	.	2.50	97.75
2600	46.42	8.85	.	11.30	20.33	9.62	.	0.21	0.58	.	0.17	.	.	.	.	2.70	97.95
2610	47.45	9.75	.	11.29	15.54	11.58	.	0.41	0.63	.	0.17	.	.	.	.	1.60	97.26
2620	44.50	4.87	4.27	6.42	26.00	6.40	.	0.02	0.31	.	0.09	0.30	0.01	5.84	0.19	6.80	99.20
2630	43.50	6.38	1.60	9.33	20.70	10.20	0.31	0.03	0.28	0.05	0.27	2.34	.	4.58	0.06	7.30	99.60
2640	46.30	7.51	2.40	13.10	14.30	9.19	0.83	0.07	0.76	0.03	0.34	0.27	0.01	3.35	0.03	3.40	98.50
2650	50.70	4.68	2.00	10.00	16.50	12.30	0.37	0.16	0.36	.	0.22	0.72	0.01	1.59	0.06	2.50	99.70
2660	49.30	4.98	1.60	9.25	13.00	14.20	1.26	0.04	0.69	0.02	0.38	3.79	0.01	1.38	0.02	6.70	99.90
2670	45.20	9.55	2.00	14.20	11.00	7.78	1.89	0.04	1.26	0.07	0.35	1.32	0.03	4.42	0.05	4.50	99.20
2680	44.60	7.32	1.80	9.50	13.20	6.71	0.80	1.34	0.34	0.02	0.15	10.10	0.01	3.18	0.07	13.00	99.10
2690	36.60	4.56	0.80	9.33	11.00	12.50	0.22	0.01	0.44	0.01	0.17	21.70	0.03	2.54	0.06	24.00	100.00
2700	48.60	8.88	1.60	9.33	17.00	8.00	1.52	0.24	0.49	.	0.14	0.08	0.01	3.02	0.12	3.30	99.00
2710	45.60	5.81	2.10	9.07	22.10	7.87	0.33	0.03	0.30	0.02	0.12	0.60	0.01	4.71	0.09	6.00	98.80
2720	52.20	5.25	1.77	8.13	16.20	12.70	1.09	0.16	0.52	0.04	0.17	0.51	0.01	0.68	0.10	1.80	99.50
2730	50.70	5.46	12.10	.	23.00	2.82	0.29	.	0.54	0.04	0.15	0.11	0.21	.	.	4.50	99.60
2740	37.70	2.81	10.10	.	33.60	2.62	.	.	0.24	0.01	0.07	3.86	0.04	.	.	13.00	100.10
2750	41.60	6.69	5.86	11.70	20.50	1.69	0.61	0.09	1.92	0.04	0.16	1.00	0.09	6.47	0.26	7.10	98.68
2760	44.90	4.30	4.66	5.26	27.90	5.44	0.40	0.03	0.25	0.02	0.15	0.76	0.01	5.15	0.39	7.10	99.60
2770	46.60	6.09	3.06	8.14	20.90	9.02	0.62	0.04	0.38	0.01	0.19	0.43	0.11	4.70	0.20	4.50	100.40
2780	48.60	4.72	2.21	8.62	17.20	12.90	0.50	0.08	0.60	.	0.19	1.56	0.02	2.42	0.08	3.00	99.70
2790	31.20	5.29	2.90	4.19	13.40	24.10	0.19	2.49	0.54	0.02	0.65	14.50	1.82	1.87	0.07	15.50	103.20
2800	40.60	3.66	5.87	4.16	29.60	2.40	0.27	.	0.23	0.07	0.16	0.40	0.01	11.30	0.06	11.10	98.79
2810	52.80	9.52	1.32	8.91	10.70	9.70	1.78	0.52	0.96	0.08	0.21	0.17	0.01	1.59	0.07	1.20	98.34
2820	48.80	8.61	2.53	10.40	14.20	10.60	0.79	0.20	0.99	0.12	0.22	0.09	0.02	2.12	0.08	1.30	99.77
2830	41.20	3.69	2.65	7.16	29.40	2.38	0.28	.	0.38	0.05	0.14	1.35	0.03	10.30	0.11	11.10	99.12
2840	50.80	9.40	1.99	8.84	13.10	11.20	0.98	0.15	0.97	0.09	0.16	0.16	0.01	1.62	0.08	1.10	99.55
2850	47.40	6.99	1.33	9.49	19.20	9.91	0.67	0.02	0.53	0.08	0.17	0.31	0.02	3.55	0.07	3.20	99.74
2860	44.70	5.98	4.05	7.01	23.50	7.52	0.37	0.01	0.54	0.07	0.14	0.25	0.01	5.29	0.07	5.30	99.51
2870	45.10	5.99	2.20	8.91	21.30	8.46	0.34	.	0.70	0.08	0.18	1.26	0.02	4.87	0.05	5.20	99.46
2880	45.60	7.37	0.82	10.50	19.80	7.86	0.43	0.01	1.14	0.07	0.16	0.15	0.02	5.14	0.06	4.70	99.13
2890	46.80	5.41	1.42	9.71	20.30	8.35	0.35	.	1.02	0.09	0.14	0.49	0.02	4.85	0.07	4.70	99.02
2900	43.10	5.36	13.80	.	23.10	6.91	0.13	.	0.57	.	0.18	0.56	0.12	.	.	5.80	99.00
2910	36.50	2.00	12.40	.	31.90	2.90	.	.	0.28	.	0.19	4.31	0.02	.	.	12.70	98.90
2920	45.30	6.51	12.00	.	21.90	8.61	0.19	0.01	0.27	.	0.20	0.24	0.01	.	.	4.70	99.70
2930	43.00	6.42	13.50	.	23.10	7.18	.	.	0.34	.	0.20	0.15	0.02	.	.	6.10	99.80
2940	43.30	8.30	2.41	8.99	21.50	7.55	0.25	.	0.38	.	0.21	0.28	.	5.28	0.18	5.80	98.70
2950	46.50	5.10	3.56	6.97	23.60	8.17	0.06	.	0.24	.	0.17	0.13	.	4.59	0.17	5.50	99.20
2960	43.40	7.53	2.32	8.26	12.90	7.54	0.10	.	0.31	.	0.21	10.90	0.01	4.40	0.13	15.20	98.00
2970	43.40	7.53	2.32	8.26	12.90	7.54	0.10	.	0.31	.	0.21	10.90	0.01	4.40	0.13	15.20	98.00
2980	43.40	7.62	2.41	8.18	13.10	7.52	0.08	.	0.32	.	0.21	10.90	0.01	4.55	0.10	15.10	98.40
2990	43.40	7.62	2.41	8.18	13.10	7.52	0.08	.	0.32	.	0.21	10.90	0.01	4.55	0.10	15.10	98.40
3000	43.40	7.53	2.32	8.26	12.90	7.54	0.10	.	0.31	.	0.21	10.90	0.01	4.40	0.13	15.20	98.00

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
3010	43.40	7.53	2.32	8.26	12.90	7.54	0.10	.	0.31	.	0.21	10.90	0.01	4.40	0.13	15.20	98.00
3020	43.40	7.62	2.41	8.18	13.10	7.52	0.08	.	0.32	.	0.21	10.90	0.01	4.55	0.10	15.10	98.40
3030	43.40	7.62	2.41	8.18	13.10	7.52	0.08	.	0.32	.	0.21	10.90	0.01	4.55	0.10	15.10	98.40
3040	42.50	6.89	2.65	8.51	17.60	6.72	0.26	0.83	0.26	.	0.20	8.69	0.01	3.46	0.19	12.10	98.80
3050	41.50	9.54	3.76	8.59	10.60	16.40	0.55	0.30	0.24	.	0.30	5.22	0.11	1.72	0.22	7.20	99.10
3060	43.90	8.08	0.80	9.39	13.10	8.46	.	0.06	0.34	0.02	0.21	10.70	0.01	3.84	0.07	14.00	99.00
3070	53.60	9.44	1.41	9.12	12.30	8.56	0.09	0.99	0.40	0.02	0.20	0.33	0.01	2.84	0.06	2.20	99.40
3080	40.40	9.84	4.90	11.60	17.00	5.97	0.04	0.02	0.54	.	0.22	0.19	2.18	5.60	0.10	6.10	98.60
3090	30.40	5.48	2.69	8.56	23.30	9.89	.	.	0.28	.	0.25	11.40	0.94	4.98	0.09	14.00	98.30
3100	36.00	3.17	13.50	.	32.10	1.79	.	.	0.21	.	0.18	0.29	0.03	.	.	10.30	97.30
3110	37.60	2.96	9.54	.	35.70	1.19	.	.	0.20	.	0.14	2.01	0.09	.	.	11.00	98.30
3120	43.70	9.20	12.70	.	15.80	11.60	0.09	0.49	0.86	0.53	0.20	0.44	0.06	.	.	4.10	99.30
3130	44.50	8.69	11.50	.	19.30	9.59	0.47	0.02	0.54	.	0.20	0.14	0.01	.	.	3.80	98.60
3140	38.90	3.99	9.58	.	34.10	1.12	.	.	0.24	.	0.12	0.56	0.09	.	.	11.00	99.10
3150	46.60	6.00	10.00	.	23.00	7.92	.	0.01	0.29	.	0.14	0.08	0.0[illegible]	.	.	4.50	98.50
3160	39.00	4.96	2.75	7.97	29.70	3.06	.	.	0.23	0.01	0.17	5.23	0.0[illegible]	5.75	0.31	.	99.20
3170	41.70	9.53	8.36	.	13.60	8.81	.	0.61	0.23	0.03	0.15	13.80	0.02	.	.	.	96.80
3180	49.60	7.89	10.90	.	14.30	13.30	0.61	0.36	0.39	0.05	0.19	1.97	0.01	.	.	.	99.60
3190	44.50	9.33	2.20	9.59	14.60	4.53	.	1.18	0.51	0.01	0.14	7.24	0.14	5.35	0.11	11.40	99.40
3200	43.90	9.92	2.85	7.67	10.60	18.60	.	0.66	0.85	0.61	0.26	0.14	0.02	2.96	0.03	2.30	99.07
3210	50.00	6.97	2.20	10.10	11.00	13.70	2.47	.	0.92	0.01	0.21	0.29	0.10	2.08	0.04	1.80	100.10
3220	50.20	7.37	1.91	9.96	11.20	13.30	2.28	0.01	0.98	.	0.19	0.12	0.01	2.25	0.13	2.10	99.90
3230	46.40	5.09	2.51	9.53	18.50	13.80	.	0.01	0.73	.	0.23	0.25	0.02	2.56	0.06	2.50	99.70
3240	40.90	6.12	4.23	7.64	26.10	3.95	0.21	.	0.38	.	0.17	0.50	0.51	8.84	0.07	9.00	99.60
3250	42.90	5.98	3.20	9.60	23.00	4.87	0.22	.	0.46	.	0.19	0.29	0.19	7.56	0.33	7.70	98.70
3260	48.40	7.24	1.91	10.40	11.60	13.30	1.32	.	1.00	0.01	0.22	0.97	0.12	2.52	0.04	2.80	99.10
3270	39.40	4.63	4.80	5.45	30.40	2.74	.	0.01	0.31	.	0.17	0.25	0.12	11.10	0.19	10.30	99.60
3280	51.50	5.62	0.94	6.47	19.10	10.40	0.14	.	0.31	.	0.17	1.05	0.02	3.70	0.07	4.90	99.50
3290	41.00	6.05	4.41	6.47	27.40	5.64	.	0.01	0.37	.	0.18	0.13	0.03	7.85	0.38	8.50	99.90
3300	38.50	8.05	4.90	8.73	13.50	6.34	.	0.50	0.53	.	0.20	16.50	0.10	3.38	0.08	19.40	101.30
3310	36.70	3.53	6.27	5.67	30.10	2.03	.	.	0.22	.	0.16	0.27	0.02	9.85	0.89	11.50	95.70
3320	48.60	7.20	1.77	10.40	12.00	13.20	1.37	.	0.95	0.01	0.21	0.98	0.10	2.51	0.05	2.70	99.30
3330	41.00	6.15	4.34	6.40	26.90	5.63	.	.	0.35	.	0.18	0.13	0.04	7.84	0.39	8.40	99.40
3340	37.30	2.88	6.74	4.02	35.40	0.12	0.16	.	0.21	.	.	0.16	0.15	11.50	0.16	11.90	98.80
3350	39.60	7.54	3.30	8.73	25.00	4.34	0.16	0.04	0.49	0.04	0.13	0.24	0.05	9.23	0.37	9.20	99.30
3360	49.70	7.27	3.40	9.42	10.50	11.90	1.89	0.14	1.01	0.02	0.24	0.27	0.06	2.43	0.09	2.30	98.30
3370	50.40	6.48	2.90	9.33	11.70	14.20	1.70	0.03	0.82	0.04	0.20	0.19	0.02	1.66	0.06	1.50	99.70
3380	41.70	6.65	2.53	7.36	22.70	8.53	0.20	.	0.41	.	0.12	3.51	0.18	5.85	0.09	9.20	99.80
3390	36.60	2.84	6.62	3.94	35.90	0.12	0.06	.	0.22	0.01	.	0.19	0.17	11.70	0.15	11.70	98.50
3400	34.80	5.12	2.95	6.98	17.90	7.13	.	.	0.36	0.07	0.12	20.40	0.01	3.27	0.13	22.60	99.20
3410	41.90	7.39	1.56	7.27	11.00	10.10	0.47	.	0.49	0.08	0.12	16.40	0.13	3.15	0.08	17.60	100.10
3420	34.00	6.48	1.63	8.58	16.00	7.29	0.09	0.22	0.43	0.07	0.17	20.90	0.05	2.99	0.06	22.50	99.00
3430	38.00	3.33	7.86	3.73	34.20	1.70	.	.	0.40	.	0.15	0.12	0.03	9.74	0.49	10.60	99.70
3440	36.10	2.70	4.77	1.82	36.90	1.99	.	.	0.24	.	0.22	3.05	0.02	1.07	0.33	14.90	98.80
3450	41.60	9.59	3.22	14.40	16.60	7.19	0.06	0.02	0.72	0.08	0.24	0.25	0.09	4.96	0.04	4.40	99.06
3460	40.70	9.62	2.98	14.20	17.90	6.96	.	.	0.63	0.02	0.24	0.12	0.01	5.39	0.11	5.10	98.88
3470	38.70	5.77	3.72	5.74	20.00	11.20	0.71	0.06	0.33	0.04	0.17	7.90	0.06	4.56	0.26	13.00	99.20
3480	37.60	2.37	9.92	.	37.50	0.15	.	0.02	0.23	0.03	0.14	0.38	0.01	.	.	12.20	88.35
3490	46.20	7.42	11.10	.	21.60	7.49	0.03	.	0.40	.	0.19	0.43	0.01	.	.	4.70	99.10
3500	43.20	8.14	11.70	.	23.00	6.83	0.01	.	0.50	.	0.19	0.17	0.01	.	.	5.10	98.70

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
3510	49.00	4.31	9.23	.	18.20	16.90	0.09	.	0.45	0.06	0.19	0.24	0.01	.	.	.	98.70
3520	44.90	9.93	2.80	9.60	17.30	8.60	0.39	0.11	0.66	0.01	0.19	0.06	0.05	4.12	0.03	3.00	98.80
3530	51.10	6.27	2.05	8.07	17.40	10.40	0.45	0.14	0.31	0.01	0.20	0.10	0.02	2.94	0.02	2.90	99.50
3540	44.40	6.68	11.60	.	21.80	8.19	.	.	0.39	0.03	0.19	0.30	0.01	.	.	5.60	98.90
3550	45.30	7.08	11.60	.	24.10	6.54	0.03	.	0.45	0.04	0.16	0.61	0.08	.	.	6.70	98.90
3560	45.90	5.87	11.10	.	22.00	8.71	.	.	0.36	0.03	0.19	0.26	0.01	.	.	5.30	99.50
3570	43.00	7.30	12.70	.	19.30	10.20	1.10	0.02	0.41	0.03	0.22	1.73	0.09	.	.	5.10	99.40
3580	41.10	5.48	11.70	.	28.10	5.13	0.30	.	0.35	0.03	0.17	0.31	0.01	.	.	7.00	99.40
3590	40.30	6.42	10.70	.	21.00	5.89	1.13	.	0.38	0.03	0.15	9.01	0.01	.	.	13.00	99.00
3600	41.50	5.21	11.60	.	28.60	4.47	0.14	.	0.36	0.03	0.19	0.27	0.02	.	.	8.10	100.20
3610	37.60	4.08	4.90	9.27	30.10	2.05	0.23	.	0.25	.	0.18	0.33	0.01	9.78	0.06	10.90	98.80
3620	46.70	5.65	1.50	10.20	17.70	11.00	0.10	0.10	0.99	0.10	0.25	1.18	0.02	.	.	4.50	99.90
3630	44.00	7.96	5.41	8.18	17.10	9.20	0.85	0.73	0.53	0.06	0.19	1.23	0.03	.	.	5.20	100.30
3640	47.30	9.34	1.50	9.96	17.40	9.76	0.20	0.02	0.43	.	0.19	0.29	0.01	3.08	0.08	2.60	99.60
3650	50.20	6.26	1.40	11.80	13.40	11.00	1.22	0.04	0.57	.	0.22	0.63	0.02	1.37	0.09	1.30	98.20
3660	41.80	6.00	11.10	.	28.40	4.35	0.33	.	0.31	0.15	0.17	0.23	0.03	.	.	8.30	92.87
3670	42.90	7.21	11.40	.	24.70	7.81	0.62	0.08	0.36	0.03	0.17	0.50	0.03	.	.	5.80	95.81
3680	40.80	5.80	9.96	.	30.30	4.80	0.57	0.02	0.28	0.14	0.16	0.15	0.03	.	.	8.60	93.01
3690	42.10	8.10	11.60	.	23.00	8.62	0.57	.	0.38	0.12	0.19	0.11	0.02	.	.	6.90	94.81
3700	42.30	6.73	11.00	.	27.40	6.20	0.63	0.10	0.33	0.23	0.16	0.13	0.05	.	.	5.30	95.26
3710	42.40	6.71	10.90	.	27.30	6.20	0.52	0.10	0.33	0.23	0.17	0.15	0.04	.	.	5.40	95.05
3720	46.10	5.59	9.21	.	24.40	7.42	0.04	.	0.42	0.05	0.22	0.18	0.09	.	.	5.90	99.40
3730	45.90	8.35	11.20	.	18.70	9.69	0.83	0.08	0.64	0.04	0.14	0.41	0.02	.	.	3.40	99.00
3740	20.30	6.66	1.56	8.95	16.80	9.52	0.32	1.53	0.42	0.01	0.17	31.00	0.07	1.17	0.11	30.70	98.60
3750	39.10	8.52	1.44	7.71	10.10	11.70	0.73	0.67	0.53	0.05	0.13	16.50	0.11	2.59	0.07	19.20	99.90
3760	31.70	6.12	1.11	8.36	14.20	8.61	0.33	1.15	0.38	0.02	0.16	25.20	0.05	1.36	0.08	26.00	98.80
3770	39.50	2.12	13.80	.	24.40	5.77	.	.	0.34	0.03	0.16	10.40	0.02	.	.	13.20	99.30
3780	36.20	2.65	7.74	.	11.80	14.50	.	0.32	0.49	0.04	0.17	26.10	0.03	.	.	25.30	99.20
3790	46.60	9.59	1.29	10.00	15.20	9.80	1.81	0.07	1.08	0.11	0.20	0.65	0.06	2.75	0.60	.	99.80
3800	41.20	9.07	14.00	.	20.60	7.63	.	0.01	0.58	0.03	0.22	1.01	0.01	.	.	6.60	99.90
3810	42.40	4.93	11.00	.	25.60	6.56	1.17	0.47	0.41	0.01	0.25	.	.	.	.	5.30	98.10
3820	46.10	8.63	12.60	.	18.90	7.89	1.70	0.08	0.43	0.03	0.19	.	.	.	.	2.30	98.90
3830	39.50	5.32	11.50	.	23.30	7.17	0.64	0.10	0.37	0.02	0.15	.	.	.	.	11.90	100.00
3840	42.40	5.97	11.90	.	26.20	5.92	0.98	0.46	0.42	0.02	0.18	.	.	.	.	5.10	99.60
3850	35.90	6.33	10.70	.	18.80	10.80	0.19	1.01	0.42	0.02	0.20	.	.	.	.	12.80	101.20
3860	42.80	8.25	12.30	.	20.50	9.03	0.35	0.86	0.31	0.01	0.17	.	.	.	.	5.10	99.70
3870	41.20	4.88	11.30	.	27.50	3.34	0.29	3.45	0.34	0.01	0.15	.	.	.	.	5.90	98.40
3880	42.30	6.62	10.50	.	22.60	5.06	1.25	0.05	0.33	0.03	0.14	.	.	.	.	11.90	100.90
3890	37.30	4.64	9.35	.	21.50	9.12	0.61	.	0.21	.	0.19	.	.	.	.	17.20	100.10
3900	39.10	4.37	9.16	.	17.50	5.26	0.11	1.33	0.30	0.03	0.16	.	.	.	.	24.00	101.30
3910	40.40	7.20	8.58	.	17.10	8.55	1.42	1.05	0.31	0.02	0.18	.	.	.	.	15.40	100.20
3920	32.80	4.41	8.79	.	21.80	8.71	0.17	2.54	0.31	0.02	0.18	.	.	.	.	21.10	100.30
3930	43.80	6.44	11.30	.	23.60	7.11	0.35	0.14	0.32	0.03	0.18	.	.	.	.	7.20	100.50
3940	49.30	9.18	4.75	.	12.70	20.60	0.48	0.02	0.86	0.02	0.11	.	.	.	.	2.00	100.00
3950	50.00	3.98	8.43	.	16.30	19.60	0.24	.	0.50	0.04	0.16	.	.	.	.	1.40	100.60
3960	50.00	3.54	10.30	.	17.70	15.80	0.59	0.04	0.43	0.03	0.17	.	.	.	.	1.30	99.90
3970	38.10	2.82	15.00	.	31.60	2.60	0.25	0.10	0.28	0.03	0.20	.	.	.	.	9.20	100.20
3980	42.80	3.54	13.50	.	27.30	5.23	0.66	0.04	0.41	0.04	0.19	.	.	.	.	6.90	100.60
3990	49.30	4.86	13.20	.	17.90	10.80	0.47	0.03	0.53	0.05	0.20	.	.	.	.	2.50	99.90
4000	44.30	8.20	9.45	.	23.70	3.53	0.88	6.87	0.39	0.19	0.13	.	.	.	.	1.80	99.40

ase No. 9
5/13/87

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
4010	42.40	7.06	9.88	.	23.70	4.54	0.62	6.55	0.29	0.04	0.11	.	.	.	.	3.40	98.60
4020	43.60	6.83	11.00	.	23.60	4.32	0.75	5.20	0.35	0.02	0.13	.	.	.	.	3.70	99.50
4030	44.00	5.20	10.60	.	25.10	6.41	0.86	0.72	0.28	0.02	0.15	.	.	.	.	6.20	99.60
4040	42.50	6.00	11.00	.	26.80	6.02	1.06	1.18	0.30	0.03	0.16	.	.	.	.	5.30	100.30
4050	40.80	6.78	11.00	.	24.60	4.90	0.42	3.31	0.46	0.06	0.13	.	.	.	.	7.50	99.90
4060	50.00	5.12	8.68	.	21.10	4.80	2.68	4.10	0.26	.	0.15	.	.	.	.	2.50	99.40
4070	44.60	7.71	12.20	.	10.10	18.80	0.70	1.01	1.74	.	0.20	1.50	.	.	.	.	98.60
4080	46.60	9.31	11.50	.	15.20	12.40	0.46	0.05	1.25	.	0.23	4.40	.	.	.	.	101.40
4090	39.10	4.54	13.40	.	30.70	1.57	0.06	0.04	0.24	0.02	0.15	.	.	.	.	10.20	100.00
4100	43.90	6.90	12.00	.	22.10	7.95	0.29	0.04	0.47	0.03	0.21	.	.	.	.	6.10	100.00
4110	41.80	7.85	10.10	.	20.10	8.08	0.13	0.02	0.43	0.04	0.17	.	.	.	.	11.90	100.60
4120	41.50	6.49	11.80	.	25.10	6.68	0.42	0.07	0.37	0.02	0.20	.	.	.	.	7.40	100.10
4130	43.50	7.64	11.30	.	22.00	8.56	0.62	0.41	0.35	0.03	0.17	.	.	.	.	5.30	99.90
4140	46.20	8.30	11.30	.	17.90	9.30	0.75	0.07	0.60	.	.	.	.	.	.	3.60	98.00
4150	46.30	3.21	10.30	.	18.50	9.34	0.16	0.02	0.49	.	0.18	.	.	.	.	5.10	98.60
4160	38.50	7.70	9.01	.	15.40	7.92	0.11	0.02	0.48	.	0.18	.	.	.	.	19.90	99.20
4170	43.60	3.76	11.60	.	18.80	9.05	0.24	0.02	0.64	.	0.20	.	.	.	.	6.00	98.90
4180	36.80	3.01	10.30	.	25.50	8.75	.	0.07	0.20	0.01	0.31	.	.	.	.	16.90	101.80
4190	40.50	5.22	9.94	.	24.00	6.48	0.35	0.16	0.27	.	0.15	.	.	.	.	14.30	101.40
4200	41.20	5.06	12.00	.	24.10	6.79	0.17	0.04	0.40	0.03	0.16	.	.	.	.	11.10	101.00
4210	37.40	6.34	10.80	.	16.30	9.37	0.01	0.02	0.46	0.02	0.19	.	.	.	.	21.00	101.90
4220	36.10	4.62	10.00	.	22.90	9.47	.	.	0.34	0.01	0.30	.	.	.	.	17.90	101.60
4230	42.90	6.24	10.40	.	23.20	6.51	0.47	0.01	0.34	0.02	0.14	.	.	.	.	10.50	100.70
4240	41.60	5.34	10.10	.	25.70	7.62	0.04	0.02	0.39	0.06	0.17	.	.	.	.	10.60	101.60
4250	43.30	5.95	10.90	.	23.60	8.44	.	0.08	0.38	0.02	0.20	.	.	.	.	9.10	102.00
4260	40.20	4.47	11.90	.	28.80	4.01	.	0.01	0.21	0.01	0.15	.	.	.	.	11.80	101.60
4270	41.50	4.71	10.70	.	26.00	4.34	.	.	0.32	0.01	0.12	.	.	.	.	13.80	101.50
4280	42.40	6.20	10.70	.	24.30	6.72	.	.	0.44	0.02	0.15	.	.	.	.	11.10	102.00
4290	45.60	6.46	11.70	.	24.70	3.67	.	.	0.40	0.02	0.13	.	.	.	.	8.50	101.20
4300	39.70	3.69	9.38	.	27.40	6.09	.	0.01	0.28	0.01	0.12	.	.	.	.	14.20	100.90
4310	45.30	8.74	13.60	.	15.00	9.74	0.30	0.07	1.26	.	0.23	.	.	.	.	4.50	98.70
4320	20.17	5.21	10.40	.	18.80	20.00	0.24	0.01	0.26	0.01	0.43	.	0.72	.	.	33.30	97.80
4330	26.10	4.56	9.27	.	21.70	5.56	0.05	1.37	0.27	0.01	0.15	.	0.07	.	.	30.80	99.80
4340	20.20	7.64	10.20	.	11.00	17.90	1.55	1.84	0.34	0.19	0.21	29.20	2.41	.	.	.	97.30
4350	37.10	6.91	8.45	.	10.40	13.40	0.13	0.17	0.33	.	0.20	.	.	.	.	22.40	99.90
4360	44.60	6.71	12.40	.	22.80	8.17	0.91	0.31	0.46	0.03	0.22	.	.	.	.	3.60	100.20
4370	45.90	6.57	12.00	.	20.90	9.04	0.44	0.07	0.44	0.03	0.24	.	.	.	.	4.20	99.80
4380	43.30	6.09	11.40	.	26.00	7.14	0.65	0.08	0.38	0.02	0.17	.	.	.	.	5.90	101.10
4390	43.70	5.96	11.10	.	24.50	7.69	0.11	0.03	0.46	0.03	0.19	.	.	.	.	7.30	101.00
4400	33.90	9.11	11.20	.	23.30	8.51	0.25	0.10	0.45	0.03	0.27	.	.	.	.	13.20	100.30
4410	45.10	6.79	11.30	.	21.60	9.70	0.24	0.11	0.43	0.02	0.18	.	.	.	.	5.60	101.10
4420	45.20	8.97	12.40	.	18.80	7.84	0.76	0.06	0.53	0.08	0.22	.	.	.	.	5.40	100.30
4430	40.60	4.64	16.00	.	27.80	4.65	0.11	0.01	0.40	0.07	0.21	.	.	.	.	6.90	101.40
4440	41.80	6.47	14.40	.	25.60	5.52	.	0.02	0.50	0.09	0.20	.	.	.	.	6.40	101.00
4450	40.70	5.84	15.30	.	26.70	4.70	.	0.01	0.44	0.08	0.21	.	.	.	.	6.90	100.90
4460	36.00	5.00	9.00	.	19.00	5.80	.	0.51	0.60	0.04	0.12	.	.	.	.	25.20	101.30
4470	41.40	7.52	9.39	.	14.10	10.60	.	0.03	0.42	0.05	0.28	.	.	.	.	16.40	102.20
4480	38.70	7.63	8.45	.	13.90	11.60	1.42	0.16	0.75	1.20	0.19	.	.	.	.	17.50	101.50
4490	36.10	8.53	10.20	.	18.30	9.69	0.12	.	0.52	0.07	0.17	.	.	.	.	18.70	102.40
4500	37.00	6.99	9.82	.	15.80	11.60	.	0.01	0.39	0.06	0.20	.	.	.	.	20.30	102.20

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOT
4510	42.60	5.50	0.77	6.14	12.80	12.00	0.01	0.01	0.28	0.03	0.13	15.20	0.01	2.74	0.26	.	99.60
4520	32.80	3.85	0.85	7.13	19.80	5.12	0.02	0.49	0.20	.	0.14	27.80	0.36	1.13	0.06	27.50	99.80
4530	39.30	4.52	2.05	5.85	25.90	7.21	0.18	0.02	0.23	0.05	0.18	.	0.28	.	.	15.50	101.30
4540	42.60	6.62	2.40	7.65	23.90	4.28	0.11	.	0.38	0.06	0.10	.	1.01	.	.	10.80	99.90
4550	42.20	7.63	13.60	.	23.50	6.19	0.03	0.06	0.42	0.08	0.20	.	.	.	.	6.80	100.70
4560	42.40	8.00	11.60	.	13.40	8.97	0.46	0.03	0.48	0.07	0.27	.	.	.	.	16.30	102.00
4570	47.30	6.73	7.48	.	15.30	8.08	0.21	.	0.38	0.05	0.14	.	.	.	.	15.50	101.20
4580	38.80	5.60	9.49	.	22.30	7.92	0.16	.	0.33	0.06	0.18	.	.	.	.	16.10	100.90
4590	39.40	8.32	11.50	.	17.30	8.35	.	0.01	0.49	0.06	0.22	.	.	.	.	16.20	101.90
4600	46.90	8.70	9.63	.	15.80	8.46	2.69	0.02	0.51	0.06	0.17	.	.	.	.	7.90	100.80
4610	42.50	7.55	11.00	.	21.40	7.28	0.25	0.03	0.47	0.06	0.17	.	.	.	.	11.00	101.70
4620	48.30	9.42	10.70	.	15.10	10.90	1.37	1.96	0.62	0.25	0.17	.	.	.	.	1.20	100.00
4630	48.20	9.81	1.50	9.32	15.80	8.93	0.50	0.24	0.55	0.01	0.21	0.46	0.02	2.83	0.41	3.70	98.80
4640	44.70	9.13	1.70	9.49	19.80	8.21	0.35	0.03	0.56	0.02	0.18	0.10	0.01	4.30	0.50	4.90	99.10
4650	42.70	9.60	12.20	.	21.30	5.93	0.08	1.71	0.55	0.06	0.17	.	.	.	.	6.60	100.90
4660	42.60	7.75	4.39	6.85	24.10	7.04	0.15	0.08	0.47	0.06	0.20	0.17	0.01	5.64	0.07	5.50	99.60
4670	41.80	9.96	2.28	7.58	13.80	9.84	2.06	2.36	0.51	0.73	0.17	5.36	0.01	1.92	0.06	7.60	98.40
4680	37.70	6.14	2.76	7.42	26.20	4.79	.	.	0.37	0.05	0.14	7.75	0.18	5.31	0.03	13.00	98.80
4690	41.60	5.83	3.15	6.53	27.60	3.04	.	0.02	0.31	0.08	0.14	4.88	0.09	5.80	0.11	10.50	99.20
4700	42.30	4.67	1.37	7.25	26.00	4.58	.	.	0.24	0.04	0.12	6.94	0.17	4.55	0.09	12.00	98.30
4710	38.00	7.68	2.20	9.59	25.10	3.62	0.07	0.15	0.42	0.06	0.08	5.57	0.11	5.44	0.08	10.90	98.20
4720	41.10	7.80	3.65	8.06	23.00	6.95	0.54	0.61	0.42	0.06	0.20	0.23	0.03	5.27	0.14	5.40	98.10
4730	41.40	8.50	2.93	8.71	23.00	6.41	0.21	1.14	0.53	0.06	0.17	0.41	0.01	4.97	0.17	5.30	98.60
4740	42.20	7.49	3.15	8.06	24.70	5.79	.	0.07	0.50	0.07	0.16	0.38	0.03	5.92	0.19	6.10	98.70
4750	34.80	7.67	2.19	6.61	17.10	12.20	.	5.30	0.87	1.61	0.19	7.79	.	1.77	0.13	9.40	98.20
4760	46.70	5.82	1.42	7.66	22.10	8.89	0.13	.	0.30	0.06	0.23	0.36	0.18	4.43	0.08	4.80	98.40
4770	43.80	5.83	2.29	7.66	24.40	5.34	.	.	0.40	0.04	0.15	2.39	0.12	6.52	0.14	8.20	99.10
4780	41.00	8.50	2.00	8.38	18.00	8.02	0.25	0.44	0.48	0.07	0.16	6.83	0.01	5.52	0.05	11.60	99.70
4790	40.80	6.58	3.75	7.25	26.00	2.94	.	.	0.37	0.06	0.10	4.40	0.06	6.16	0.07	10.30	98.50
4800	41.50	7.76	3.75	8.06	22.70	7.01	0.40	0.71	0.43	0.04	0.20	0.28	0.02	5.22	0.14	5.20	98.20
4810	41.40	8.67	3.85	7.25	25.30	3.41	.	0.01	0.38	0.05	0.11	4.43	0.07	5.94	0.07	10.50	98.90
4820	50.20	8.33	0.91	6.79	10.70	11.60	2.15	1.67	0.65	0.21	0.18	4.01	0.02	2.02	0.12	5.40	99.60
4830	42.60	7.89	12.10	.	21.60	7.90	.	.	0.50	0.03	0.19	0.10	0.02	.	.	6.50	99.30
4840	42.90	7.92	12.10	.	21.40	7.85	.	.	0.51	0.03	0.20	0.10	0.03	.	.	6.30	99.20
4850	50.10	8.21	9.24	.	21.00	2.69	.	1.06	0.29	0.03	0.12	2.01	0.01	.	.	7.60	100.30
4860	38.40	6.79	7.43	.	18.40	12.20	.	0.81	0.22	0.03	0.22	9.70	0.01	.	.	14.20	98.70
4870	39.50	9.53	14.40	.	24.10	4.60	.	.	0.32	0.04	0.17	0.06	0.02	.	.	7.60	100.30
4880	51.50	5.24	11.90	.	22.20	4.58	.	.	0.24	0.03	0.19	0.20	0.01	.	.	5.00	100.90
4890	48.10	6.57	9.06	.	22.70	8.60	.	.	0.25	0.03	0.10	.	0.01	.	.	4.60	100.00
4900	47.50	9.95	10.60	.	17.80	2.76	.	0.02	0.32	0.04	0.13	4.07	0.02	.	.	9.80	98.90
4910	35.50	4.14	7.86	.	16.90	12.90	0.01	0.01	0.20	0.04	0.21	21.20	0.01	.	.	.	99.90
4920	28.80	8.65	8.03	.	14.90	13.50	0.97	0.07	0.43	0.13	0.14	21.50	0.14	.	.	.	98.90
4930	30.80	5.89	9.12	.	15.80	10.00	2.15	0.03	0.31	0.02	0.19	26.50	0.09	.	.	.	100.00
4940	31.90	6.22	10.50	.	17.80	9.67	0.01	0.01	0.34	0.02	0.18	21.70	0.07	.	.	.	100.00
4950	30.80	5.23	9.33	.	21.70	6.50	0.18	0.01	0.29	0.03	0.14	25.70	0.18	.	.	.	99.90
4960	36.60	4.08	8.90	.	21.20	4.77	0.01	0.01	0.25	0.02	0.12	24.20	0.10	.	.	.	100.30
4970	31.90	5.59	8.67	.	16.30	9.66	0.07	0.95	0.28	0.01	0.17	26.70	1.18	.	.	.	98.70
4980	39.40	5.92	15.30	.	27.10	3.71	.	.	0.33	0.02	0.17	0.37	0.10	.	.	9.00	100.90
4990	42.50	6.34	10.40	.	25.10	3.47	0.01	0.01	0.39	0.01	0.09	5.20	0.02	.	.	.	98.90
5000	45.20	9.45	12.00	.	19.30	7.43	0.91	0.09	0.57	0.04	0.21	0.10	0.01	.	.	.	100.00

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
5010	40.00	5.49	9.47	.	25.30	5.85	0.05	0.56	0.27	0.03	0.13	8.91	0.01	.	.	.	100.40
5020	36.30	5.00	8.72	.	20.90	5.57	0.01	1.62	0.24	0.01	0.12	19.70	0.07	.	.	.	98.90
5030	43.90	8.03	11.60	.	23.00	7.87	0.01	0.01	0.55	0.04	0.20	0.07	0.01	.	.	.	100.90
5040	20.10	5.20	8.12	.	14.30	20.30	0.01	1.65	0.23	0.01	0.20	34.30	0.69	.	.	.	98.40
5050	48.30	5.64	10.50	.	19.80	10.00	0.08	0.05	0.25	0.05	0.28	0.74	0.01	.	.	.	99.20
5060	45.10	8.22	9.41	.	16.90	9.49	0.79	4.16	0.90	0.99	0.15	1.82	0.02	.	.	.	99.80
5070	45.30	6.68	11.50	.	25.80	5.07	0.01	0.01	0.35	0.03	0.16	0.18	0.05	.	.	.	100.90
5080	47.10	6.03	8.99	.	24.20	8.29	0.01	0.03	0.50	0.14	0.16	0.10	0.22	.	.	.	100.80
5090	44.70	7.20	11.00	.	23.10	7.93	0.01	0.15	0.34	0.03	0.18	0.10	0.32	.	.	.	100.40
5100	42.20	7.78	10.90	.	24.20	7.07	0.01	0.02	0.39	0.03	0.21	0.12	0.05	.	.	.	99.20
5110	49.60	7.51	8.81	.	17.80	10.30	1.30	0.71	0.46	0.23	0.17	0.30	0.01	.	.	.	99.70
5120	45.50	7.41	11.70	.	22.90	7.04	0.01	0.01	0.44	0.03	0.18	0.07	0.01	.	.	.	101.20
5130	37.50	7.65	36.70	.	10.20	0.01	0.01	5.92	0.33	0.09	0.02	0.04	0.02	.	.	.	99.10
5140	38.60	2.48	9.76	6.16	30.10	4.11	0.34	.	0.48	0.01	0.24	0.18	0.03	7.13	0.41	8.30	100.00
5150	37.30	2.28	11.70	6.07	29.80	2.81	0.08	.	0.41	.	0.26	0.11	0.09	7.11	0.47	8.60	98.50
5160	38.00	2.55	11.70	6.82	29.30	3.23	0.31	.	0.45	.	0.28	0.14	0.07	7.60	0.50	8.10	100.90
5170	38.70	3.11	12.40	7.74	26.50	3.59	0.45	.	0.52	0.01	0.30	0.43	0.02	6.44	0.49	7.50	100.70
5180	48.20	6.35	2.10	10.70	11.40	14.90	1.23	0.58	1.01	0.05	0.22	1.53	0.03	0.51	0.35	2.10	99.20
5190	47.00	3.97	4.10	11.10	15.00	12.10	0.57	0.01	0.66	0.03	0.18	1.50	1.17	1.71	0.30	3.40	99.40
5200	41.20	6.81	3.30	14.60	10.50	13.90	1.06	0.84	1.14	0.07	0.30	4.31	0.09	1.98	0.34	5.30	100.40
5210	45.60	9.13	2.42	7.61	19.00	9.78	0.88	0.21	0.45	0.02	0.18	0.07	0.23	3.52	0.08	3.90	99.20
5220	47.40	9.45	12.20	.	17.30	8.08	1.20	0.02	0.50	0.06	0.19	0.18	0.01	.	.	.	100.50
5230	46.80	5.66	14.20	.	11.60	14.30	1.28	0.08	0.88	.	0.23	2.54	0.01	.	.	4.00	99.00
5240	41.60	6.26	10.70	.	26.40	6.10	0.08	0.02	0.34	.	0.16	0.65	0.04	.	.	7.40	99.10
5250	41.70	6.48	11.50	.	26.10	5.95	0.03	0.05	0.37	.	0.18	0.11	0.09	.	.	6.80	99.20
5260	40.80	4.68	10.30	.	28.60	6.20	.	.	0.27	.	0.15	1.12	0.05	.	.	8.40	99.40
5270	39.90	6.08	11.30	.	29.50	4.91	0.16	0.05	0.44	.	0.16	0.68	0.14	.	.	8.30	100.80
5280	40.80	5.80	11.30	.	28.50	5.26	.	0.07	0.30	.	0.18	0.90	0.03	.	.	7.70	99.90
5290	42.70	5.81	10.20	.	26.00	7.22	0.08	0.05	0.32	.	0.15	0.89	0.02	.	.	6.50	99.00
5300	39.40	4.38	10.60	.	32.70	3.94	.	0.04	0.24	.	0.17	0.19	0.03	.	.	9.40	100.90
5310	41.50	6.21	10.60	.	27.60	5.81	0.11	0.04	0.32	.	0.16	0.19	0.04	.	.	7.20	99.60
5320	28.50	4.78	9.70	.	22.80	4.82	0.73	0.04	0.27	.	0.17	26.50	0.24	.	.	27.10	98.90
5330	43.70	8.94	11.80	.	19.20	7.93	0.52	0.08	0.77	0.02	0.17	1.14	0.02	.	.	6.00	94.29
5340	39.80	4.34	11.00	.	32.20	2.19	.	0.06	0.64	.	0.12	0.14	0.02	.	.	9.70	90.51
5350	50.30	3.70	2.80	11.00	16.90	10.00	0.32	0.05	0.56	0.05	0.32	0.14	0.02	3.46	0.04	2.20	99.60
5360	41.60	9.31	9.56	.	13.70	7.65	1.07	0.05	0.64	.	0.14	12.70	.	.	.	15.60	99.30
5370	50.40	4.13	9.42	.	16.80	17.00	0.05	0.01	0.47	0.05	0.19	0.20	0.01	.	.	.	98.73
5380	46.40	4.72	12.10	.	21.60	11.80	0.40	0.06	0.49	0.06	0.19	0.11	0.06	.	.	.	97.99
5390	48.80	4.04	9.37	.	17.80	16.90	0.01	0.01	0.44	0.05	0.19	0.16	0.01	.	.	.	97.78
5400	49.20	4.31	9.42	.	18.50	16.90	0.01	0.01	0.44	0.05	0.19	0.08	0.04	.	.	.	99.15
5410	51.90	6.52	8.54	.	17.80	11.90	1.18	0.12	0.30	0.07	0.16	0.28	0.06	.	.	.	98.83
5420	47.30	8.79	12.30	.	14.20	10.50	0.30	0.03	0.29	0.04	0.21	1.83	0.01	.	.	.	95.80
5430	40.20	4.36	13.40	.	29.50	3.74	0.01	0.01	0.31	0.05	0.21	0.67	0.02	.	.	.	92.48
5440	51.30	7.01	9.77	.	15.20	14.70	0.60	0.08	0.41	0.05	0.19	0.14	0.01	.	.	.	99.46
5450	41.00	3.47	10.50	.	30.60	1.38	0.01	0.01	0.21	0.04	0.11	6.05	0.01	.	.	.	93.39
5460	34.20	6.52	1.92	7.99	11.80	15.50	0.26	0.33	0.56	.	0.26	15.00	0.07	4.37	0.71	19.00	99.50
5470	43.20	4.32	5.90	5.49	28.80	2.29	.	.	0.25	.	0.07	2.58	0.07	4.92	0.40	9.30	98.30
5480	50.20	4.96	11.10	.	15.20	13.80	0.41	0.07	0.42	0.04	0.20	1.94	0.02	.	.	3.20	98.36
5490	42.10	7.48	3.91	6.65	27.00	5.89	0.51	0.07	0.28	0.02	0.20	0.10	0.03	3.77	0.44	.	98.30
5500	38.70	6.17	5.98	3.19	31.90	3.26	0.20	0.04	0.22	0.02	0.16	0.13	0.05	9.00	.	.	99.00

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
5510	40.20	9.37	4.44	7.17	24.70	5.13	0.27	0.04	0.40	0.04	0.22	0.05	0.01	6.04	0.07	.	98.20
5520	38.60	3.69	7.02	3.67	33.30	3.23	0.19	0.02	0.27	0.05	0.16	0.23	0.04	8.86	0.10	.	99.40
5530	29.40	5.16	1.19	7.15	18.10	8.41	.	0.99	0.30	0.02	0.15	27.90	0.04	0.21	0.22	.	99.20
5540	48.30	6.07	0.96	8.06	21.70	8.92	.	.	0.37	0.03	0.14	0.15	.	4.54	0.28	.	99.50
5550	48.40	5.98	1.05	7.98	21.90	8.91	.	.	0.35	0.04	0.14	0.20	.	4.92	0.24	.	100.10
5560	42.20	6.67	4.70	6.57	27.20	3.91	.	0.04	0.36	0.03	0.18	0.25	0.03	6.93	0.68	.	99.80
5570	46.20	5.65	10.60	.	28.40	0.26	.	.	0.33	0.02	0.07	.	0.16	.	.	10.00	101.70
5580	39.90	4.25	8.88	.	28.50	4.24	.	.	0.23	0.01	0.13	.	0.03	.	.	15.40	101.60
5590	40.02	8.40	10.61	.	15.38	6.99	0.37	0.01	0.44	0.03	0.16	.	0.03	.	.	18.60	101.00
5600	42.48	7.21	10.24	.	17.92	9.75	0.01	0.01	0.41	0.03	0.16	.	0.03	.	.	12.60	100.60
5610	27.60	6.00	1.48	6.39	13.60	14.90	0.03	2.03	0.32	0.04	0.22	27.20	0.20	1.11	0.32	.	101.40
5620	46.00	7.99	1.59	9.50	10.89	7.25	0.12	0.04	0.37	0.03	0.28	10.90	0.03	4.05	0.49	.	99.50
5630	49.00	5.12	9.85	.	26.30	1.43	.	.	0.37	0.03	0.05	4.01	0.04	.	.	7.50	103.70
5640	33.10	6.05	9.30	.	13.30	12.80	1.54	1.94	1.12	0.73	0.17	19.80	0.08	.	.	18.60	118.50
5650	37.90	4.80	9.61	.	19.70	2.00	0.01	0.81	0.30	0.02	0.09	20.00	0.31	.	.	23.80	119.30
5660	42.70	9.28	13.90	.	19.10	8.47	.	.	0.56	0.08	0.21	1.16	0.02	.	.	5.10	100.60
5670	41.20	7.46	12.40	.	25.60	5.51	.	0.02	0.41	0.05	0.19	1.72	0.03	.	.	7.30	101.90
5680	38.70	6.22	9.25	.	22.30	0.60	0.14	.	0.38	0.01	0.05	19.80	0.02	.	.	21.30	118.80
5690	34.00	7.23	8.32	.	16.30	9.66	1.94	0.02	0.28	0.06	0.18	21.10	0.02	.	.	22.20	121.30
5700	43.10	8.48	12.50	.	23.00	6.61	0.01	0.01	0.55	0.06	0.20	0.10	0.01	.	.	.	101.00
5710	31.10	6.47	8.70	.	10.70	15.50	0.01	1.90	0.30	0.05	0.28	26.90	0.55	.	.	.	100.10
5720	35.30	4.36	10.30	.	22.50	4.08	.	.	0.31	0.04	0.16	23.60	0.03	.	.	23.50	100.68
5730	26.40	8.89	12.80	.	21.00	6.53	.	.	0.49	0.03	0.20	20.50	0.06	.	.	22.90	96.90
5740	49.10	9.75	10.80	.	15.90	7.80	2.15	0.01	0.55	0.06	0.17	.	0.03	.	.	3.40	96.32
5750	49.70	9.41	11.00	.	14.70	7.96	2.41	.	0.53	0.07	0.18	0.22	0.03	.	.	3.60	96.21
5760	42.50	7.03	11.60	.	24.10	7.33	.	0.01	0.35	0.05	0.21	0.11	0.07	.	.	7.50	93.36
5770	43.40	7.63	.	11.50	21.70	7.77	0.30	0.09	0.50	0.04	0.27	.	.	.	.	6.08	100.60
5780	41.60	4.68	.	9.32	30.00	4.44	.	0.07	0.29	0.03	0.22	.	.	.	.	9.54	101.20
5790	41.10	4.16	.	9.14	31.40	3.08	0.04	0.06	0.27	0.03	0.34	.	.	.	.	8.23	98.90
5800	40.50	4.45	.	8.68	30.10	4.73	0.07	0.13	0.30	0.04	0.35	.	.	.	.	7.00	97.30
5810	40.60	3.01	.	8.42	33.40	1.55	.	0.09	0.20	0.02	0.32	.	.	.	.	10.46	99.00
5820	43.40	7.62	.	11.50	21.50	7.68	0.18	0.07	0.48	0.04	0.26	.	.	.	.	6.00	99.90
5830	42.70	6.51	.	10.20	24.00	7.34	0.02	0.08	0.41	0.04	0.25	.	.	.	.	7.31	100.00
5840	44.20	7.57	.	11.20	22.10	7.39	0.11	0.06	0.47	0.03	0.24	.	.	.	.	5.62	100.20
5850	41.80	5.48	.	10.10	26.90	4.78	0.02	0.15	0.34	0.03	0.35	.	.	.	.	6.92	99.00
5860	44.30	7.11	.	11.00	22.40	7.22	0.18	0.06	0.44	0.04	0.25	.	.	.	.	5.54	99.70
5870	43.10	7.02	.	10.60	22.90	6.70	0.29	0.10	0.44	0.05	0.38	.	.	.	.	.	99.30
5880	43.90	6.81	.	10.10	23.00	6.90	0.16	0.05	0.44	0.04	0.35	.	.	.	.	4.85	97.70
5890	44.60	6.83	.	10.20	23.10	7.07	0.32	0.05	0.45	0.04	0.35	.	.	.	.	4.92	99.20
5900	41.60	6.90	.	9.36	24.80	6.17	.	0.04	0.41	0.03	0.36	.	.	.	.	6.85	97.60
5910	42.20	6.55	.	9.44	25.10	5.41	.	0.04	0.34	0.05	0.36	.	.	.	.	7.85	98.30
5920	44.40	8.12	.	10.10	20.60	7.74	0.13	0.05	0.42	0.05	0.39	.	.	.	.	4.77	97.90
5930	47.60	9.74	.	9.83	16.30	7.56	1.83	0.10	0.55	0.05	0.39	.	.	.	.	3.77	98.80
5940	49.40	9.70	.	9.87	16.30	7.70	2.03	0.08	0.51	0.06	0.38	.	.	.	.	3.08	100.20
5950	48.90	9.28	.	9.66	15.80	8.63	1.65	0.12	0.52	0.06	0.38	.	.	.	.	2.85	99.00
5960	41.50	4.05	.	10.80	30.40	2.30	0.02	0.04	0.30	0.03	0.21	.	.	.	.	9.00	99.80
5970	49.68	5.84	12.44	.	13.91	14.94	0.42	0.22	0.68	0.40	0.24	0.24	.	0.38	.	.	99.39
5980	43.56	6.88	14.12	.	22.20	7.64	0.04	0.04	0.67	0.04	0.19	0.05	.	4.16	.	.	99.59
5990	41.46	6.09	11.45	.	28.33	3.46	0.05	0.01	0.27	0.01	0.20	0.02	.	7.70	.	.	99.05
6000	42.50	6.18	11.57	.	28.11	4.09	0.04	0.01	0.28	0.02	0.21	0.03	.	7.26	.	.	100.30

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
6010	39.54	5.21	11.67	.	31.28	2.13	0.06	0.01	0.23	.	0.17	0.03	.	9.28	.	.	99.61
6020	49.97	7.44	13.08	.	14.29	12.69	0.43	0.30	0.81	0.05	0.25	0.39	.	0.75	.	.	100.45
6030	40.30	3.19	12.69	.	33.58	2.76	.	0.06	0.29	0.03	0.15	3.95	.	2.31	.	.	99.11
6040	51.00	7.11	2.73	8.45	11.60	13.49	1.49	0.05	0.78	0.07	0.21	0.20	.	2.24	0.06	.	99.48
6050	48.35	5.74	15.64	.	16.58	11.28	0.50	0.12	0.85	0.05	0.26	0.04	.	1.04	.	.	100.45
6060	47.73	6.04	15.52	.	16.05	11.45	0.54	0.14	0.81	0.05	0.26	0.03	.	1.05	.	.	99.67
6070	51.55	6.52	10.81	.	14.12	14.42	0.95	0.32	0.68	0.04	0.22	0.05	.	0.35	.	.	100.03
6080	52.05	6.58	10.95	.	13.53	14.59	1.00	0.31	0.69	0.04	0.22	0.04	.	0.41	.	.	100.41
6090	42.07	5.58	15.85	.	23.45	6.80	0.07	0.03	0.79	0.07	0.25	0.03	.	4.41	.	.	99.40
6100	21.52	2.46	8.65	.	23.31	17.21	0.03	0.03	0.35	0.04	0.14	21.90	.	3.69	.	.	99.33
6110	39.12	3.57	15.58	.	28.67	4.10	0.06	0.01	0.50	0.04	0.25	0.71	.	7.37	.	.	99.98
6120	44.95	5.27	14.25	.	22.61	8.19	0.06	0.02	0.75	0.07	0.24	0.03	.	3.49	.	.	99.93
6130	40.41	4.23	15.80	.	27.82	3.42	0.02	0.01	0.58	0.04	0.27	0.12	.	6.90	.	.	99.62
6140	50.66	8.62	10.52	.	12.48	11.95	2.00	0.22	0.61	0.05	0.21	0.51	.	1.80	.	.	99.63
6150	50.19	7.05	11.35	.	12.62	14.55	1.05	0.09	0.68	0.04	0.22	0.42	.	0.82	.	.	99.09
6160	50.79	7.19	11.67	.	12.76	14.26	1.13	0.07	0.76	0.03	0.23	0.52	.	0.85	.	.	100.26
6170	50.91	7.49	10.83	.	12.19	14.79	1.45	0.08	0.70	0.04	0.22	0.42	.	0.45	.	.	99.57
6180	49.83	6.52	2.60	9.50	12.60	13.67	1.36	0.16	0.85	0.08	0.21	0.20	.	2.52	0.08	.	100.18
6190	49.18	8.90	3.63	9.25	10.50	8.36	2.76	0.26	1.04	0.10	0.20	0.25	.	3.26	0.10	.	100.04
6200	45.76	6.62	12.01	.	20.65	9.36	0.05	.	0.37	0.01	0.21	0.03	.	4.61	.	.	99.68
6210	50.23	9.74	11.26	.	12.95	9.56	1.04	0.04	0.46	0.01	0.20	0.68	.	3.09	.	.	99.26
6220	41.72	4.75	4.36	10.45	18.50	10.63	0.35	0.05	0.75	0.08	0.24	1.75	.	3.67	0.09	.	97.39
6230	47.77	7.48	1.76	12.30	11.30	11.39	2.25	0.05	1.07	0.11	0.29	0.90	.	2.97	0.09	.	99.73
6240	41.36	6.05	0.67	10.40	11.80	9.74	0.02	0.01	0.80	0.08	0.18	14.60	.	3.68	0.08	.	99.47
6250	46.65	6.92	1.27	10.50	16.10	8.90	1.31	0.04	0.38	0.05	0.19	2.10	.	4.08	0.26	.	98.83
6260	39.40	2.70	2.85	5.20	36.00	0.46	0.07	0.01	0.12	0.01	0.12	0.95	.	11.23	0.07	.	99.19
6270	42.89	4.30	4.44	4.85	31.50	4.39	0.29	0.04	0.19	0.04	0.15	0.10	.	6.51	0.27	.	99.96
6280	43.65	4.38	3.39	5.60	27.40	6.47	0.48	0.02	0.19	0.02	0.15	0.20	.	5.15	0.11	.	97.21
6290	42.87	4.47	3.03	6.35	32.20	4.81	0.31	0.02	0.19	0.03	0.14	0.10	.	5.26	0.22	.	100.00
6300	42.99	4.67	4.50	5.25	30.70	4.15	0.18	0.02	0.23	0.03	0.15	0.15	.	6.73	0.33	.	100.08
6310	49.72	9.98	1.19	8.15	13.20	13.06	1.18	0.22	0.48	0.05	0.21	0.10	.	0.33	3.00	.	100.87
6320	49.65	9.77	1.08	9.20	14.00	10.65	1.67	0.14	0.48	0.08	0.19	0.40	.	2.57	0.03	.	99.91
6330	51.27	8.76	2.28	7.00	10.50	14.88	1.27	0.03	0.45	0.08	0.18	.	.	.	.	.	0.00
6340	47.06	7.99	2.81	7.10	12.60	17.70	0.23	0.01	0.40	0.08	0.17	.	.	.	.	.	0.00
6350	49.18	9.87	1.11	7.80	10.40	11.75	1.55	0.33	0.66	0.07	0.21	.	0.03	.	.	.	0.00
6360	49.30	9.95	1.08	9.35	12.20	9.95	1.40	0.72	0.63	0.07	0.19	.	.	.	.	.	0.00
6370	47.10	7.23	2.22	9.70	12.60	12.98	1.10	0.07	1.39	0.12	0.19	.	0.01	.	.	.	0.00
6380	41.10	8.74	.	12.80	22.10	8.76	0.11	0.01	0.42	.	0.20	.	0.04	.	.	6.20	100.78
6390	42.20	7.60	.	11.60	21.00	9.30	0.10	.	0.46	.	0.21	.	0.06	.	.	6.50	98.97
6400	41.40	6.90	.	12.40	25.60	5.90	0.06	0.07	0.33	.	0.24	.	0.04	.	.	7.40	100.62
6410	41.00	7.00	.	11.10	25.10	6.20	0.13	0.08	0.31	.	0.18	.	0.05	.	.	8.00	99.10
6420	41.10	6.30	.	10.70	24.70	6.97	0.15	0.04	0.26	.	0.20	.	0.05	.	.	8.80	99.46
6430	43.30	8.30	.	11.70	22.50	7.41	0.11	0.04	0.38	.	0.22	.	0.03	.	.	6.00	100.30
6440	39.80	3.18	.	7.10	35.90	1.70	0.08	0.12	0.14	.	0.11	.	0.06	.	.	11.80	100.10
6450	40.00	3.73	.	8.20	35.10	3.28	0.07	0.10	0.14	.	0.15	.	.	.	.	9.30	100.27
6460	38.30	3.70	.	8.40	33.40	2.40	0.03	0.01	0.17	.	0.17	.	0.04	.	.	11.70	98.28
6470	40.81	3.45	.	9.83	33.23	1.60	0.15	0.03	0.10	.	0.15	.	.	.	.	11.40	100.75
6480	40.70	3.76	.	9.90	31.90	2.47	0.24	0.09	0.13	.	0.16	.	0.12	.	.	11.70	101.05
6490	41.21	4.65	.	10.20	31.23	4.55	0.25	0.08	0.19	.	0.18	.	.	.	.	8.20	100.74
6500	40.77	4.79	.	9.65	30.75	4.38	0.25	0.11	0.21	.	0.16	.	.	.	.	9.40	100.52

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
6510	41.10	4.99	.	10.01	30.29	4.61	0.09	0.11	0.22	.	0.17	.	.	.	.	9.10	100.74
6520	44.64	6.77	.	10.68	24.88	5.67	0.17	0.07	0.36	.	0.14	.	.	.	.	6.60	99.93
6530	43.13	6.60	.	10.43	24.27	7.83	0.10	0.05	0.37	.	0.18	.	.	.	.	7.40	100.40
6540	40.99	4.23	.	9.38	33.46	3.94	0.20	0.11	0.19	.	0.15	.	.	.	.	8.40	101.07
6550	43.33	6.56	.	11.26	26.35	6.32	0.17	0.07	0.32	.	0.20	.	.	.	.	5.60	100.14
6560	40.42	3.90	.	9.35	33.32	3.17	0.19	0.03	0.13	.	0.15	.	.	.	.	10.10	100.76
6570	41.32	3.81	.	9.30	33.85	0.95	0.11	0.03	0.16	.	0.15	.	.	.	.	10.90	100.57
6580	42.39	5.82	.	10.21	28.76	6.28	0.22	0.38	0.23	.	0.19	.	.	.	.	6.20	100.71
6590	42.90	6.20	.	10.10	27.30	6.33	0.07	0.13	0.27	.	0.18	.	0.05	.	.	6.70	100.43
6600	42.20	6.10	.	10.50	26.70	5.00	0.08	0.06	0.27	.	0.20	.	0.07	.	.	8.10	99.43
6610	42.20	6.10	.	10.50	26.30	5.83	0.19	0.11	0.28	.	0.22	.	0.08	.	.	7.80	99.77
6620	42.80	6.94	.	11.00	24.50	6.47	0.05	.	0.38	.	0.22	.	0.04	.	.	7.10	99.46
6630	41.50	6.57	.	12.20	25.60	5.60	0.13	.	0.37	.	0.23	.	0.07	.	.	8.40	100.60
6640	45.60	8.40	.	10.40	20.60	8.10	0.46	0.03	0.46	.	0.19	.	.	.	.	5.30	99.75
6650	43.99	7.45	.	11.15	24.88	5.94	0.09	0.08	0.49	.	0.19	.	.	.	.	6.20	100.50
6660	53.60	9.90	.	9.60	11.20	8.63	1.07	0.11	0.46	.	0.23	.	0.29	.	.	4.40	99.20
6670	40.40	5.09	.	12.60	27.70	4.66	0.08	0.07	0.18	.	0.20	.	0.05	.	.	8.80	99.78
6680	39.90	3.69	.	10.80	32.80	3.24	0.07	0.47	0.15	.	0.18	.	0.03	.	.	8.80	100.10
6690	40.10	4.36	.	10.10	30.10	4.80	0.04	0.06	0.17	.	0.23	.	0.09	.	.	9.90	100.25
6700	39.50	4.40	.	11.50	30.50	3.88	0.08	0.07	0.12	.	0.20	.	0.06	.	.	10.00	100.25
6710	39.10	3.27	.	10.40	33.60	1.57	0.04	0.08	0.10	.	0.18	.	0.06	.	.	11.00	99.34
6720	40.83	3.57	.	9.87	34.47	3.16	0.06	0.11	0.10	.	0.14	.	0.03	.	.	7.20	100.01
6730	42.79	8.04	.	11.00	22.52	8.31	0.09	0.04	0.35	.	0.20	.	0.07	.	.	6.80	100.46
6740	50.40	8.30	.	11.60	13.20	8.70	2.94	0.06	0.85	.	0.23	.	1.70	.	.	3.80	100.19
6750	48.10	9.00	.	13.50	12.80	9.10	2.08	0.09	1.11	.	0.26	.	0.98	.	.	3.20	99.37
6760	45.00	7.60	.	13.00	12.00	11.70	2.02	0.05	0.80	.	0.21	.	0.84	.	.	6.60	98.98
6770	50.00	7.20	.	11.50	12.40	12.20	2.16	0.14	0.84	.	0.20	.	0.20	.	.	2.70	99.42
6780	49.80	6.10	.	11.50	14.60	13.80	0.85	0.10	0.76	.	0.21	.	0.02	.	.	2.30	100.02
6790	50.20	5.00	.	9.80	14.30	15.70	0.80	.	0.63	.	0.19	.	0.02	.	.	2.40	99.02
6800	47.50	4.50	.	9.80	19.50	13.80	0.54	.	0.61	.	0.20	.	0.03	.	.	3.70	100.15
6810	42.00	5.20	.	14.20	24.00	6.70	0.27	0.04	0.47	.	0.25	.	0.05	.	.	6.00	99.35
6820	45.56	7.45	13.02	.	27.24	6.34	0.11	0.11	0.33	0.02	0.24	.	.	.	.	7.21	100.45
6830	44.17	7.98	13.54	.	26.99	5.81	0.09	0.06	0.35	0.02	0.23	.	.	.	.	7.61	99.24
6840	44.17	7.98	13.54	.	26.99	5.81	0.09	0.06	0.35	0.02	0.23	.	.	.	.	7.61	99.24
6850	44.17	7.98	13.54	.	26.99	5.81	0.09	0.06	0.35	0.02	0.23	.	.	.	.	7.61	99.24
6860	44.17	7.98	13.54	.	26.99	5.81	0.09	0.06	0.35	0.02	0.23	.	.	.	.	7.61	99.24
6870	45.60	7.95	12.66	.	25.00	7.60	0.01	0.02	0.40	.	0.20	.	.	.	.	.	99.44
6880	44.99	9.26	13.33	.	23.70	7.54	0.10	0.04	0.45	0.04	0.23	.	.	.	.	6.62	99.68
6890	45.40	9.30	12.70	.	22.40	9.03	0.01	0.05	0.45	.	0.19	.	.	.	.	.	100.43
6900	45.56	7.45	12.06	.	26.82	7.10	0.20	0.07	0.31	0.03	0.21	.	.	.	.	7.89	99.81
6910	47.00	8.70	12.00	.	24.70	6.40	0.01	.	0.52	.	0.16	.	.	.	.	.	99.49
6920	50.00	9.90	10.90	.	16.60	9.80	1.50	.	0.60	.	0.16	.	.	.	.	.	99.46
6930	45.85	9.36	13.07	.	19.20	10.85	0.18	0.03	0.49	0.05	0.24	.	.	.	.	4.07	99.38
6940	42.73	2.14	.	10.56	43.53	0.61	.	.	0.11	0.04	0.16	.	.	.	.	.	.
6950	42.40	2.49	.	10.44	42.57	1.72	0.10	0.02	0.13	0.02	0.10	.	.	.	.	.	.
6960	44.44	3.54	.	12.91	34.32	4.27	.	0.06	0.22	0.05	0.24	.	.	.	.	.	.
6970	46.79	7.87	.	10.54	26.04	7.73	0.32	0.03	0.40	0.08	0.17	.	.	.	.	.	.
6980	47.34	7.75	.	10.76	25.80	7.60	0.09	0.04	0.37	0.08	0.18	.	.	.	.	.	.
6990	51.66	6.56	.	10.81	14.55	13.50	1.30	0.44	0.80	0.04	0.16	.	.	.	.	.	.
7000	48.37	8.80	.	14.01	13.39	11.99	1.71	0.21	1.04	0.07	0.17	.	.	.	.	.	.

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
7010	50.13	8.39	11.78	.	14.71	13.57	0.31	0.03	0.42	0.04	0.24	.	.	.	.	3.59	99.62
7020	47.85	9.83	13.88	.	18.47	8.02	0.69	0.04	0.49	0.05	0.22	.	.	.	.	3.74	99.54
7030	45.85	9.36	13.07	.	19.26	10.85	0.18	0.03	0.49	0.05	0.24	.	.	.	.	4.07	99.38
7040	51.17	9.61	12.69	.	10.25	11.88	3.18	0.05	1.12	0.10	0.18	.	.	.	.	1.62	100.23
7050	46.40	5.90	.	7.50	26.30	7.20	0.25	0.01	0.30	.	.	0.70	.	5.10	.	.	.
7060	42.20	7.10	.	11.20	25.70	5.80	0.16	0.01	0.40	0.03	.	0.10	.	6.20	.	.	.
7070	50.70	8.60	.	8.60	16.60	10.20	1.10	0.01	0.50	0.03	.	0.20	.	2.70	.	.	.
7080	40.30	4.30	.	9.20	31.40	2.60	0.10	0.01	0.30	0.03	.	0.20	.	10.40	.	.	.
7090	49.30	4.05	1.81	9.06	24.09	10.07	0.25	0.03	0.39	0.02	0.18	0.33	0.03	4.81	0.27	4.67	.
7100	47.95	4.64	1.98	9.89	24.96	9.09	0.16	0.02	0.43	0.04	0.22	0.21	0.05	5.41	0.32	4.99	.
7110	47.34	4.92	2.11	10.56	24.68	7.39	0.63	0.20	0.27	0.03	0.21	0.22	0.03	6.07	0.31	5.11	.
7120	48.21	4.18	1.99	9.93	26.08	8.25	0.13	0.01	0.39	0.02	0.20	0.32	.	6.03	0.43	5.41	.
7130	47.37	4.50	1.98	9.88	26.97	7.90	0.20	0.02	0.41	0.03	0.20	0.33	0.04	6.70	0.22	5.72	.
7140	47.38	4.00	1.91	9.53	29.42	6.46	0.15	0.01	0.38	0.03	0.17	0.34	0.02	7.68	0.20	7.01	.
7150	46.20	3.57	2.07	10.34	30.60	5.54	0.20	0.01	0.35	0.03	0.20	.	0.04	.	0.29	7.43	.
7160	46.64	3.77	1.90	9.51	30.79	6.01	0.19	0.02	0.35	0.02	0.20	0.89	0.01	7.41	0.35	7.09	.
7170	46.53	3.11	1.89	9.47	32.91	4.77	0.07	0.01	0.28	0.02	0.17	1.10	0.03	9.18	0.18	9.13	.
7180	44.86	3.12	2.31	11.53	33.01	3.76	0.01	0.01	0.28	0.03	0.18	0.13	0.04	9.43	0.32	8.73	.
7190	47.52	3.75	1.85	9.25	30.64	5.74	0.07	0.01	0.34	0.02	0.17	.	0.06	.	0.32	7.62	.
7200	46.85	4.46	1.75	8.75	32.10	4.65	0.18	0.04	0.21	0.01	0.17	.	0.02	.	0.27	7.73	.
7210	45.30	2.30	1.72	8.57	36.70	4.36	0.10	0.01	0.22	0.02	0.17	.	0.03	.	0.25	8.95	.
7220	45.01	2.49	1.66	8.32	38.20	3.14	0.13	0.01	0.22	0.01	0.16	.	0.02	.	0.41	8.64	.
7230	46.86	4.51	1.89	9.47	30.27	5.17	0.39	0.26	0.25	0.02	0.18	.	0.02	.	0.37	7.05	.
7240	44.76	3.80	2.06	10.29	32.45	4.85	0.05	0.07	0.47	0.04	0.19	.	0.08	.	0.28	8.73	.
7250	44.83	3.62	2.05	10.23	34.92	3.68	0.03	0.04	0.32	0.03	0.17	.	0.02	.	0.61	9.46	.
7260	44.23	3.82	1.89	9.44	34.94	4.19	0.05	0.04	0.33	0.03	0.17	.	0.06	.	0.71	9.73	.
7270	46.26	3.83	1.44	7.22	35.52	4.57	0.08	0.02	0.23	0.02	0.13	.	0.05	.	0.66	9.35	.
7280	45.30	2.82	1.79	8.95	34.09	3.84	0.02	0.02	0.25	0.02	0.16	.	0.03	.	0.31	9.36	.
7290	45.40	7.53	13.30	.	18.90	9.12	0.45	0.11	0.72	.	.	.	.	.	.	.	.
7300	47.60	8.41	14.30	.	14.60	10.30	1.48	0.07	0.68	.	.	.	.	.	.	.	.
7310	37.80	2.75	7.05	.	36.90	0.02	0.08	0.02	0.08	.	.	.	.	.	.	.	.
7320	37.70	3.94	10.32	.	32.50	3.54	0.07	0.06	0.13	.	.	.	.	.	.	.	.
7330	46.47	8.82	2.37	8.81	18.83	7.37	0.51	0.03	0.51	0.12	0.21	.	.	.	.	5.50	99.89
7340	45.00	9.32	2.33	8.53	16.73	8.41	0.10	0.02	0.57	0.06	0.17	.	.	.	.	7.80	99.04
7350	48.02	9.92	2.08	9.42	15.74	7.85	0.97	0.12	0.61	0.06	0.19	.	.	.	.	4.90	100.15
7360	48.95	9.66	2.18	8.34	15.02	8.32	1.52	0.09	0.67	0.09	0.18	.	.	.	.	4.10	99.13
7370	54.49	5.71	2.12	6.62	16.42	7.56	0.07	-0.03	0.35	0.03	0.15	.	.	.	.	6.70	100.41
7380	39.50	1.70	5.21	2.94	37.00	0.28	0.13	0.02	0.20	.	0.09	0.03	.	11.84	0.19	.	99.10
7390	39.40	2.70	4.97	5.83	30.97	2.31	0.02	0.02	0.21	-9.99	0.16	-9.99	.	11.34	0.44	.	98.40
7400	38.00	1.00	5.45	3.20	36.90	0.56	0.02	0.01	0.10	.	0.10	1.50	.	11.27	0.45	.	98.60
7410	37.30	2.40	4.87	1.62	38.70	0.09	0.02	0.02	0.05	0.02	0.07	0.09	.	12.86	0.57	.	98.70
7420	36.90	2.90	8.41	.	30.14	2.75	0.27	0.06	0.15	0.02	0.13	16.50	.	3.74	0.08	.	102.10
7430	31.90	1.30	4.28	.	37.45	1.01	0.03	0.01	0.05	0.04	0.08	20.03	.	3.09	0.08	.	99.30
7440	30.20	1.60	3.58	3.17	35.04	4.35	0.10	0.09	0.01	0.01	0.10	13.64	.	8.13	0.12	.	100.10
7450	31.60	1.20	2.51	1.99	36.02	0.14	0.02	0.03	0.01	0.01	0.10	23.51	.	2.61	0.04	.	99.80
7460	40.00	4.20	5.56	2.86	31.30	3.18	0.06	0.01	0.26	.	0.05	.	.	9.75	0.26	.	97.80
7470	40.10	4.70	5.19	4.22	30.50	4.16	0.12	0.10	0.29	.	0.10	.	.	7.66	0.31	.	97.50
7480	41.40	5.30	4.79	4.27	29.70	4.89	0.16	0.07	0.31	.	0.11	.	.	7.77	0.17	.	99.00
7490	40.20	4.60	5.11	2.88	30.60	4.35	0.05	0.01	0.29	.	0.05	.	.	9.52	0.35	.	98.00
7500	40.00	3.20	4.50	4.20	35.00	1.55	0.01	0.25	0.15	0.03	0.10	.	.	.	.	11.10	99.99

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
7510	41.80	3.90	2.27	6.72	32.44	0.51	0.10	0.01	0.19	.	0.12	0.40	0.30	11.00	0.31	.	100.10
7520	48.10	6.10	1.67	7.45	21.40	8.11	0.20	0.01	0.26	.	0.13	0.20	.	5.10	0.62	.	99.40
7530	49.90	8.30	3.04	7.13	17.33	7.43	2.30	0.05	0.53	.	0.15	.	0.01	3.90	0.26	.	100.10
7540	40.80	0.28	5.74	.	53.30	0.05	.	0.01	0.02	.	0.10	.	.	.	.	.	100.60
7550	39.70	0.38	9.50	.	50.60	0.03	.	0.01	0.02	.	0.08	.	.	.	.	.	100.60
7560	40.00	0.22	8.41	.	51.10	0.03	0.01	0.01	0.02	.	0.09	.	.	.	.	.	100.20
7570	40.10	0.44	9.46	.	49.40	0.14	.	0.01	0.01	.	0.19	.	.	.	.	.	100.30
7580	40.50	0.29	8.89	.	49.50	0.08	0.01	0.01	0.01	.	0.11	.	.	.	.	.	99.70
7590	40.90	0.55	10.70	.	46.20	0.40	0.01	0.01	0.02	.	0.14	.	.	.	.	.	99.50
7600	45.90	2.50	11.80	.	39.30	0.07	0.03	0.01	0.12	.	0.16	.	.	.	.	.	100.50
7610	44.30	3.39	12.00	.	38.20	1.31	0.04	0.03	0.22	.	0.16	.	.	.	.	.	100.40
7620	43.00	2.42	11.70	.	41.70	0.38	0.01	0.01	0.10	.	0.13	.	.	.	.	.	99.70
7630	43.30	2.24	9.86	.	43.20	0.35	0.01	0.01	0.13	.	0.09	.	.	.	.	.	99.40
7640	46.40	4.40	8.23	.	37.30	2.54	0.01	0.01	0.19	.	0.14	.	.	.	.	.	99.40
7650	44.80	2.65	8.44	.	41.00	2.12	0.01	0.01	0.14	.	0.17	.	.	.	.	.	99.50
7660	45.80	2.73	8.94	.	40.40	1.06	0.01	0.01	0.15	.	0.11	.	.	.	.	.	99.60
7670	45.10	5.96	11.50	.	31.50	5.23	0.35	0.03	0.31	.	0.19	.	.	.	.	.	100.60
7680	46.70	5.65	12.00	.	29.40	5.58	0.11	0.01	0.30	.	0.25	.	.	.	.	.	100.30
7690	46.10	7.12	11.20	.	27.90	6.83	0.24	0.03	0.36	.	0.20	.	.	.	.	.	100.40
7700	49.40	6.20	10.00	.	25.70	7.58	0.05	0.01	0.35	.	0.24	.	.	.	.	.	100.00
7710	48.70	9.53	12.50	.	19.20	7.17	1.40	0.04	0.51	.	0.24	.	.	.	.	.	99.70
7720	46.40	3.19	8.59	.	40.80	0.29	.	0.02	0.18	.	0.16	.	.	.	.	.	[illegible].90
7730	45.70	3.30	9.50	.	40.20	0.34	.	0.01	0.17	.	0.16	.	.	.	.	.	99.70
7740	46.50	4.19	10.50	.	34.40	3.90	0.20	0.01	0.22	.	0.18	.	.	.	.	.	[illegible].50
7750	44.30	5.39	11.90	.	32.70	4.30	0.19	0.01	0.28	.	0.21	.	.	.	.	.	99.70
7760	44.30	4.78	12.10	.	34.30	3.74	0.12	0.01	0.36	.	0.19	.	.	.	.	.	[illegible].30
7770	43.50	4.44	12.10	.	35.50	3.33	0.02	0.01	0.22	.	0.18	.	.	.	.	.	[illegible].20
7780	44.30	2.79	10.40	.	40.40	1.42	0.02	0.01	0.22	.	0.13	.	.	.	.	.	[illegible].10
7790	44.20	4.28	11.00	.	38.00	2.05	0.01	0.01	0.23	.	0.17	.	.	.	.	.	[illegible].30
7800	42.80	4.52	12.80	.	33.60	5.73	0.29	0.04	0.22	.	0.24	.	.	.	.	.	[illegible].60
7810	47.90	6.42	11.70	.	26.80	6.58	0.10	0.02	0.31	.	0.18	.	.	.	.	.	100.50
7820	50.50	6.96	11.60	.	20.30	9.47	0.20	0.02	0.36	.	0.24	.	.	.	.	.	100.00
7830	48.50	5.23	11.00	.	27.50	7.16	0.06	0.01	0.28	.	0.22	.	.	.	.	.	100.40
7840	49.60	6.28	13.70	.	21.10	8.79	0.11	0.02	0.63	.	0.25	.	.	.	.	.	100.80
7850	52.60	4.74	9.90	.	21.00	10.50	0.14	0.03	0.26	.	0.25	.	.	.	.	.	99.90
7860	48.20	5.80	8.43	.	28.00	7.27	0.37	0.02	0.29	.	0.19	.	.	.	.	.	98.90
7870	49.00	9.73	12.60	.	17.80	8.71	1.18	0.03	0.52	.	0.24	.	.	.	.	.	100.20
7880	46.30	3.80	6.96	5.18	21.99	9.09	0.53	0.06	0.68	-9.99	0.19	0.07	.	4.31	0.10	.	99.30
7890	44.90	2.70	6.90	4.91	24.96	7.01	0.41	0.05	0.51	-9.99	0.20	0.20	.	6.10	0.34	.	99.20
7900	43.10	3.40	4.10	6.46	29.17	4.84	0.53	0.05	1.35	-9.99	0.19	0.50	.	6.31	0.16	.	100.20
7910	52.40	8.60	1.79	9.19	11.42	10.63	2.88	0.06	0.72	0.07	0.23	0.14	.	1.69	0.25	.	100.10
7920	51.10	8.70	2.11	8.80	10.70	11.49	0.72	0.17	0.90	0.05	0.22	1.44	.	3.41	0.12	.	99.90
7930	46.50	9.00	2.50	13.21	10.81	10.76	1.67	0.11	1.43	0.10	0.22	0.25	.	2.35	0.23	.	99.10
7940	52.80	5.70	0.32	9.09	15.12	11.89	1.84	0.12	0.73	0.02	0.20	0.16	.	2.16	0.05	.	100.20
7950	50.20	5.20	1.81	9.12	15.40	13.04	1.58	0.06	0.66	0.07	0.28	0.23	.	1.78	0.09	.	99.50
7960	53.00	4.80	9.56	.	16.01	13.78	0.61	0.05	0.36	0.08	0.18	0.08	.	.	1.59	.	100.10
7970	52.60	5.30	0.74	8.05	15.71	13.53	1.02	0.09	0.40	0.03	0.22	0.24	.	2.11	0.12	.	100.20
7980	52.80	6.10	1.05	9.28	13.99	11.92	1.02	0.13	0.66	-9.99	0.23	0.04	.	2.17	0.09	.	99.50
7990	47.80	7.30	1.22	8.08	19.28	8.52	0.71	0.09	0.55	0.03	0.18	0.19	.	5.08	0.34	.	99.40
8000	46.30	6.80	12.78	.	19.61	8.61	0.27	0.03	0.38	0.07	0.25	0.05	.	3.40	0.35	.	98.90

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
8010	46.90	6.90	1.25	8.90	20.97	7.43	0.09	0.04	0.56	-9.99	0.16	0.02	.	5.89	0.29	.	99.40
8020	48.50	6.20	1.09	7.26	21.72	8.69	0.50	0.10	0.36	-9.99	0.17	0.07	.	4.86	0.12	.	99.60
8030	50.00	3.80	9.02	.	20.80	9.92	0.04	0.01	0.32	0.06	0.15	.	.	3.74	0.56	.	98.40
8040	50.60	7.80	1.06	5.96	19.20	6.30	2.12	0.04	0.36	-9.99	0.13	0.10	.	4.96	0.14	.	98.80
8050	50.10	8.80	11.43	.	15.93	9.14	1.07	0.03	0.48	0.08	0.22	0.05	.	2.52	0.20	.	100.10
8060	42.80	4.51	5.31	9.99	23.30	6.38	0.65	0.19	0.27	0.02	0.24	.	.	5.57	.	.	99.23
8070	52.03	9.95	2.27	8.44	11.29	9.04	2.33	0.12	0.41	0.03	0.20	.	.	3.65	.	.	99.76
8080	50.22	9.71	0.75	14.30	10.80	7.46	2.67	0.43	0.45	0.03	0.24	.	.	2.00	.	.	99.06
8090	51.52	9.73	1.09	11.82	11.56	7.47	2.71	0.06	0.43	0.03	0.22	.	.	3.22	.	.	99.86
8100	42.80	4.51	5.31	9.99	23.30	6.38	0.65	0.19	0.27	0.02	0.24	.	.	5.57	.	.	99.23
8110	52.03	9.95	2.27	8.44	11.29	9.04	2.33	0.12	0.41	0.03	0.20	.	.	3.65	.	.	99.76
8120	50.22	9.71	0.75	14.30	10.80	7.46	2.67	0.43	0.45	0.03	0.24	.	.	2.00	.	.	99.06
8130	51.52	9.73	1.09	11.82	11.56	7.47	2.71	0.06	0.43	0.03	0.22	.	.	3.22	.	.	99.86
8140	41.80	6.46	13.03	.	23.88	5.74	0.54	-0.10	0.57	0.04	0.19	.	.	.	.	.	92.25
8150	42.35	5.72	13.68	.	22.94	6.73	1.13	-0.10	0.59	0.05	0.21	.	.	.	.	.	93.40
8160	42.97	6.41	13.26	.	22.92	6.43	0.92	-0.10	0.66	0.04	0.10	.	.	.	.	.	93.71
8170	43.43	5.17	9.69	.	23.84	7.99	0.90	-0.10	0.45	0.04	0.27	2.30	.	6.02	.	.	100.10
8180	41.84	7.71	10.19	.	25.08	5.66	1.20	-0.10	0.46	0.04	0.18	.	.	.	.	.	92.36
8190	42.04	6.48	14.84	.	22.84	6.04	0.60	-0.10	0.73	0.03	0.13	.	.	.	.	.	93.73
8200	44.11	7.35	13.52	.	20.15	7.16	1.44	-0.10	0.60	.	0.21	.	.	.	.	.	94.54
8210	45.68	6.44	12.17	.	20.64	7.14	0.94	-0.10	0.61	.	0.25	.	.	.	.	.	93.87
8220	42.39	7.94	11.05	.	23.87	6.23	0.85	-0.10	0.56	0.05	0.19	.	.	.	.	.	93.13
8230	41.98	7.28	13.52	.	23.61	6.26	0.85	-0.10	0.58	0.04	0.15	.	.	.	.	.	94.27
8240	43.81	5.95	13.02	.	22.57	7.02	0.79	-0.10	0.70	0.05	0.24	.	.	.	.	.	94.15
8250	39.88	7.12	12.59	.	23.97	6.89	0.81	-0.10	0.64	0.05	0.14	.	.	.	.	.	92.09
8260	43.87	5.24	11.86	.	22.45	7.10	0.56	-0.10	0.79	0.05	0.24	.	.	.	.	.	92.16
8270	42.39	6.51	12.03	.	24.20	6.57	1.40	-0.10	0.48	.	0.21	.	.	.	.	.	93.79
8280	41.54	6.58	12.57	.	23.89	5.55	0.68	-0.10	0.59	0.03	0.17	.	.	.	.	.	91.60
8290	49.52	4.24	11.15	.	21.55	7.57	0.64	-0.10	0.39	0.06	0.18	.	.	.	.	.	95.30
8300	44.02	6.19	11.53	.	22.46	7.63	1.42	-0.10	0.51	0.05	0.19	.	.	.	.	.	94.00
8310	47.50	3.80	14.01	.	20.39	8.70	0.91	-0.10	0.47	0.07	0.26	.	.	.	.	.	95.81
8320	43.81	6.03	11.85	.	23.99	5.65	0.73	-0.10	0.53	0.03	0.15	.	.	.	.	.	92.77
8330	42.49	5.94	11.21	.	24.73	6.62	0.76	-0.10	0.45	.	0.23	.	.	.	.	.	92.43
8340	40.28	5.11	19.23	.	21.52	6.18	0.84	-0.10	0.79	0.04	0.17	.	.	.	.	.	94.15
8350	43.49	5.24	12.25	.	22.89	7.05	0.79	-0.10	0.62	0.06	0.24	.	.	.	.	.	92.63
8360	39.42	5.11	19.67	.	22.36	6.28	0.93	-0.10	0.42	.	0.15	.	.	.	.	.	94.34
8370	42.07	6.33	11.80	.	24.00	7.57	0.62	-0.10	0.51	.	0.16	.	.	.	.	.	93.06
8380	42.66	6.00	11.09	.	25.04	6.43	1.07	-0.10	0.45	.	0.14	.	.	.	.	.	92.88
8390	43.30	5.80	13.62	.	24.20	6.73	0.97	-0.10	0.46	.	0.15	.	.	.	.	.	94.92
8400	41.63	4.65	9.93	.	30.77	2.63	0.87	-0.10	0.33	.	0.18	.	.	.	.	.	90.99
8410	39.22	5.74	14.34	.	26.24	4.32	0.77	-0.10	0.44	.	0.27	.	.	.	.	.	91.34
8420	42.32	6.35	11.02	.	24.52	7.36	0.82	-0.10	0.44	0.03	0.22	.	.	.	.	.	93.08
8430	40.10	6.25	14.04	.	27.26	2.49	0.64	-0.10	0.52	.	0.15	.	.	.	.	.	91.45
8440	40.40	2.00	5.84	3.75	35.17	3.45	0.05	.	0.41	.	.	.	.	7.76	0.21	.	99.00
8450	39.80	2.30	5.91	4.38	31.11	5.03	0.07	0.02	0.23	.	0.17	.	.	9.50	0.20	.	98.70
8460	41.90	3.50	5.21	3.06	32.13	3.72	0.11	0.03	0.21	0.03	0.12	.	.	8.96	0.46	.	99.40
8470	42.10	2.20	4.73	5.23	29.93	5.18	0.16	0.02	0.31	0.02	0.16	.	.	8.62	0.15	.	98.80
8480	42.70	3.30	6.28	4.74	29.03	4.49	0.28	0.05	0.30	.	0.19	0.36	.	7.04	0.24	.	99.00
8490	41.60	3.40	5.20	6.01	26.71	5.99	0.12	0.03	0.38	.	0.19	.	.	9.03	0.18	.	98.80
8500	50.20	9.50	1.03	9.91	12.55	8.61	2.12	0.31	1.05	3.81	0.17	0.14	.	.	0.11	.	99.50

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
8510	50.90	6.20	13.53	.	12.90	11.84	1.56	0.05	0.54	0.08	0.25	.	.	.	.	.	97.90
8520	52.40	9.80	0.60	8.51	11.94	10.02	2.88	0.16	0.72	.	0.20	0.03	.	2.37	0.07	.	99.70
8530	40.00	5.10	3.20	8.78	26.30	3.87	0.02	0.05	0.37	.	0.19	2.26	.	8.30	0.29	.	98.70
8540	50.70	5.40	0.81	9.70	14.53	10.55	2.12	0.30	0.68	0.03	0.23	1.90	.	3.00	0.08	.	100.00
8550	40.00	2.80	4.14	6.66	29.17	3.42	0.06	0.01	0.30	0.03	0.15	.	.	8.10	0.35	.	95.20
8560	37.30	2.40	4.87	1.62	38.70	0.09	0.02	0.02	0.05	.	0.07	0.09	.	12.86	0.57	.	98.70
8570	39.70	3.00	4.71	6.49	33.36	0.95	0.13	0.02	0.05	0.02	0.18	.	.	9.79	0.32	.	98.70
8580	43.60	7.20	12.61	.	21.25	7.53	0.08	0.01	0.47	0.07	0.21	.	.	.	0.61	.	93.60
8590	47.77	4.26	1.95	9.76	27.62	7.29	0.19	0.02	0.38	0.02	0.19	0.22	0.03	6.79	.	6.20	100.01
8600	47.72	4.25	1.88	9.42	28.14	7.21	0.20	0.02	0.38	0.02	0.19	0.20	0.04	7.01	.	6.26	100.00
8610	47.98	4.32	1.99	9.95	25.65	7.21	0.20	0.03	0.40	0.02	0.19	0.36	0.03	6.29	.	5.12	100.00
8620	47.38	3.81	1.74	8.70	30.87	6.24	0.10	0.03	0.35	0.02	0.19	0.29	0.03	8.59	.	7.69	100.00
8630	47.38	3.80	1.76	8.78	30.78	6.26	0.08	0.03	0.35	0.02	0.19	0.67	0.03	8.96	.	7.71	100.00
8640	47.06	3.96	1.99	9.93	28.71	7.01	0.12	0.02	0.36	0.02	0.19	0.25	0.05	7.66	.	7.07	100.00
8650	39.33	1.59	7.29	.	44.45	1.94	0.76	0.06	0.18	0.01	0.01	.	.	.	.	.	.
8660	38.27	1.59	5.55	2.40	48.29	2.17	0.48	0.06	0.07	0.43	0.23	.	.	.	.	.	.
8670	38.29	0.42	7.40	4.06	45.13	1.23	0.60	0.09	0.01	0.93	0.02	.	.	.	.	.	.
8680	38.80	0.92	6.20	4.10	44.78	2.08	1.15	0.10	0.01	1.11	0.02	.	.	.	.	.	.
8690	42.34	0.95	1.96	3.94	48.39	1.08	0.62	0.02	0.14	0.30	0.03	.	.	.	.	.	.
8700	40.65	1.36	2.19	3.92	46.70	2.15	0.38	0.06	0.40	0.29	0.02	.	.	.	.	.	.
8710	38.93	0.95	4.41	3.72	48.25	1.16	0.17	0.02	0.35	0.21	0.02	.	.	.	.	.	.
8720	39.73	1.57	6.53	2.10	44.40	2.74	0.91	0.02	0.14	0.34	0.20	.	.	.	.	.	.
8730	46.26	4.98	5.23	4.10	34.11	2.93	1.20	0.10	0.03	0.98	0.01	.	.	.	.	.	.
8740	44.80	2.89	4.16	4.48	28.64	12.17	0.68	0.02	0.03	0.15	0.33	.	.	.	.	.	.
8750	51.93	4.12	3.84	4.80	31.12	1.29	0.48	0.01	0.17	0.15	0.05	.	.	.	.	.	.
8760	47.91	8.53	3.65	7.30	27.29	2.72	1.50	0.10	0.35	0.71	0.02	.	.	.	.	.	.
8770	50.99	9.42	2.38	9.94	12.18	8.17	2.70	0.25	1.07	0.61	0.02	.	.	.	.	.	.
8780	48.97	6.41	1.60	9.22	19.78	6.60	4.60	0.25	2.10	0.20	0.06	.	.	.	.	.	.
8790	49.90	5.29	10.18	4.38	13.05	11.66	4.50	0.10	0.64	0.14	0.05	.	.	.	.	.	.
8800	52.28	6.21	0.92	8.92	20.01	7.77	0.74	0.32	0.59	0.36	0.01	.	.	.	.	.	.
8810	47.31	4.12	4.14	6.80	27.52	6.12	0.31	0.06	0.70	0.36	0.03	.	.	.	.	.	.
8820	52.75	7.59	0.22	8.26	14.93	10.84	1.50	0.25	0.54	0.46	0.03	.	.	.	.	.	.
8830	52.32	9.39	3.57	5.34	15.59	15.04	1.30	0.17	0.20	0.08	0.04	.	.	.	.	.	.
8840	39.00	1.32	6.48	2.12	47.28	1.57	0.48	0.02	0.07	0.33	0.12	.	.	.	.	.	.
8850	40.44	1.28	1.25	3.00	49.24	2.26	0.94	0.02	0.19	0.27	0.01	.	.	.	.	.	.
8860	50.16	6.49	6.88	4.50	16.92	10.80	1.40	0.10	0.55	0.31	0.04	.	.	.	.	.	.
8870	52.67	3.71	4.75	3.62	25.34	7.79	1.32	0.15	0.01	1.08	0.01	.	.	.	.	.	.
8880	49.32	6.75	2.77	7.10	23.88	3.12	4.70	0.10	0.12	0.68	0.01	.	.	.	.	.	.
8890	51.61	4.18	0.92	5.72	30.38	4.64	0.68	0.02	0.29	0.36	0.02	.	.	.	.	.	.
8900	38.17	1.76	6.57	2.44	43.75	2.29	1.08	0.44	1.23	0.15	0.02	.	.	.	.	.	.
8910	49.67	5.32	2.89	8.02	26.10	2.08	2.60	0.15	0.67	0.63	0.02	.	.	.	.	.	.
8920	50.79	5.32	1.88	8.54	27.57	3.96	1.15	0.15	0.35	0.33	0.02	.	.	.	.	.	.
8930	56.56	7.09	1.88	5.68	17.02	9.77	0.48	0.08	0.67	0.13	0.03	.	.	.	.	.	.
8940	46.90	5.08	1.18	9.56	31.81	5.05	0.02	0.03	0.22	0.01	0.14	.	.	.	.	9.60	.
8950	46.99	5.58	1.18	9.56	30.23	5.27	0.12	0.37	0.27	0.04	0.16	.	.	.	.	8.70	.
8960	46.81	5.95	1.21	9.78	29.45	5.50	0.15	0.42	0.30	0.05	0.17	.	.	.	.	8.50	.
8970	46.97	6.07	1.21	9.82	29.36	5.64	0.15	0.24	0.30	0.05	0.17	.	.	.	.	8.60	.
8980	47.22	6.11	1.22	9.91	28.85	5.61	0.19	0.40	0.30	0.03	0.17	.	.	.	.	8.50	.
8990	47.41	6.13	1.21	9.81	28.76	5.67	0.19	0.30	0.30	0.04	0.18	.	.	.	.	8.60	.
9000	47.32	6.14	1.24	10.02	28.34	5.82	0.26	0.34	0.30	0.04	0.18	.	.	.	.	8.70	.

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
9010	47.39	6.35	1.22	9.87	28.19	5.76	0.15	0.56	0.31	0.02	0.17	.	.	.	.	8.20	.
9020	47.59	6.34	1.20	9.71	28.18	5.91	0.16	0.44	0.30	0.02	0.17	.	.	.	.	8.20	.
9030	47.77	6.50	1.19	9.62	27.85	5.86	0.02	0.69	0.30	0.03	0.17	.	.	.	.	8.10	.
9040	47.57	6.37	1.24	10.03	27.70	5.75	0.18	0.62	0.34	0.03	0.19	.	.	.	.	8.20	.
9050	47.23	6.56	1.24	10.02	27.42	5.92	0.18	0.66	0.32	0.02	0.18	.	.	.	.	8.30	.
9060	47.68	6.37	1.22	9.84	27.32	6.19	0.14	0.46	0.32	0.03	0.17	.	.	.	.	7.90	.
9070	47.39	6.73	1.24	10.00	26.91	6.31	0.20	0.68	0.33	0.03	0.19	.	.	.	.	8.20	.
9080	47.59	7.04	1.28	10.40	25.39	7.05	0.63	0.04	0.34	0.03	0.19	.	.	.	.	4.50	.
9090	48.49	6.77	1.27	10.27	25.30	6.61	0.19	0.55	0.34	0.04	0.18	.	.	.	.	8.60	.
9100	49.15	7.45	1.26	10.22	24.51	6.52	0.23	0.05	0.38	0.04	0.18	.	.	.	.	9.80	.
9110	47.96	7.44	1.27	10.25	24.35	7.46	0.64	0.06	0.36	0.03	0.20	.	.	.	.	4.80	.
9120	50.07	6.56	1.28	10.37	24.15	6.53	0.20	0.22	0.36	0.04	0.21	.	.	.	.	10.60	.
9130	51.83	6.65	1.19	9.64	22.47	7.24	0.26	0.19	0.37	.	0.17	.	.	.	.	8.60	.
9140	48.95	7.77	0.60	11.56	21.71	8.74	0.04	0.02	0.40	0.03	0.17	.	.	.	.	6.20	.
9150	48.41	8.12	1.21	9.79	21.60	9.71	0.53	0.01	0.40	0.04	0.19	.	.	.	.	5.60	.
9160	48.76	8.44	1.34	10.88	20.45	8.58	0.39	0.50	0.42	0.04	0.19	.	.	.	.	7.90	.
9170	46.41	4.73	1.16	9.35	33.20	4.67	0.04	0.09	0.20	.	0.16	.	.	.	.	7.90	.
9180	46.74	6.30	1.24	10.07	27.93	6.32	0.75	0.14	0.31	0.03	0.18	.	.	.	.	4.70	.
9190	46.74	6.09	1.18	9.55	28.66	6.31	0.71	0.13	0.28	0.07	0.18	.	.	.	.	4.80	.
9200	54.44	9.88	1.30	10.54	13.94	8.53	0.59	0.02	0.50	0.04	0.21	.	.	.	.	4.20	.
9210	48.79	6.63	1.85	14.99	12.39	12.60	0.70	0.12	1.50	0.15	0.29	.	.	.	.	10.00	.
9220	57.57	9.64	1.04	8.36	12.37	9.07	1.25	0.03	0.49	0.03	0.15	.	.	.	.	3.30	.
9230	44.51	3.48	1.26	10.23	36.69	3.08	0.37	0.02	0.18	0.02	0.16	.	.	.	.	9.40	.
9240	46.52	4.88	1.15	9.37	32.84	4.81	0.04	0.02	0.23	0.01	0.12	.	.	.	.	9.50	.
9250	44.09	8.34	12.81	.	28.21	5.92	.	0.05	0.43	.	0.16	.	.	.	.	6.95	100.01
9260	44.68	7.58	12.45	.	29.69	6.06	.	0.16	0.35	.	0.17	.	.	.	.	6.97	100.98
9270	42.95	7.41	13.58	.	27.91	6.04	0.45	0.08	0.40	0.02	0.16	.	.	.	.	7.00	99.01
9280	44.71	6.26	11.29	.	29.50	6.40	0.41	0.08	0.30	0.03	0.11	.	.	.	.	6.67	99.09
9290	44.99	3.86	10.10	.	36.23	4.46	.	0.08	0.20	0.02	0.15	.	.	.	.	7.30	100.08
9300	40.80	0.34	7.91	.	50.60	0.15	.	0.08	0.03	0.02	0.17	.	.	.	.	2.86	100.10
9310	43.18	2.54	9.26	.	41.67	2.11	.	0.05	0.17	0.02	0.14	.	.	.	.	6.19	99.14
9320	44.63	5.90	12.76	.	28.50	6.64	0.29	0.07	0.35	.	0.14	.	.	.	.	6.79	99.30
9330	46.67	8.78	.	9.63	22.70	8.02	-9.99	0.04	0.41	0.04	0.07	.	.	.	.	5.37	101.88
9340	41.28	3.53	.	6.62	18.45	18.53	0.45	0.04	0.22	0.03	0.22	.	.	.	.	9.82	99.19
9350	44.40	7.06	.	12.34	16.62	12.34	0.63	0.12	0.36	0.10	0.12	.	0.09	.	.	4.90	99.89
9360	51.49	8.56	.	9.48	19.05	7.39	0.46	0.06	0.58	0.01	0.02	.	0.13	.	.	1.85	98.95
9370	42.45	5.41	.	9.85	30.70	5.41	0.30	0.02	0.43	0.01	0.15	.	.	.	.	6.70	101.63
9380	41.62	6.59	.	10.19	22.96	5.92	0.33	0.04	0.33	0.02	0.07	.	0.01	.	.	11.35	99.45
9390	42.95	6.85	.	11.04	22.64	5.74	0.59	0.11	0.36	0.09	0.06	.	0.13	.	.	7.41	97.34
9400	42.38	8.35	.	11.36	23.59	8.83	-9.99	0.02	0.42	0.04	-9.99	.	.	.	.	7.10	99.19
9410	43.82	7.81	.	11.32	23.27	6.60	-9.99	0.02	0.49	0.07	-9.99	.	.	.	.	6.40	99.81
9420	43.54	8.56	.	11.59	22.24	6.63	0.17	0.04	0.49	0.08	-9.99	.	0.01	.	.	5.99	99.24
9430	41.62	6.01	.	10.32	26.23	4.99	0.43	0.04	0.38	0.03	-9.99	.	0.01	.	.	8.14	98.19
9440	41.21	5.85	.	9.79	26.37	10.89	0.15	0.02	0.33	0.02	0.03	.	.	.	.	6.69	101.35
9450	40.95	6.30	.	9.53	27.32	5.25	-9.99	0.03	0.31	0.05	0.02	.	.	.	.	12.82	102.58
9460	41.38	5.70	.	12.06	28.69	4.27	-9.99	0.01	0.45	0.02	0.47	.	.	.	.	8.93	101.98
9470	41.03	4.75	.	10.30	30.96	3.93	0.01	0.01	0.42	0.01	0.07	.	0.03	.	.	10.10	101.59
9480	41.67	6.33	.	10.55	27.05	6.22	0.39	0.04	0.39	0.03	0.03	.	0.03	.	.	7.52	100.22
9490	43.85	8.01	.	9.62	26.18	6.24	-9.99	0.02	0.51	0.01	0.05	.	0.01	.	.	6.73	101.22
9500	46.97	3.43	.	2.08	30.02	7.77	0.57	0.01	0.16	-9.99	-9.99	.	.	.	.	7.48	98.48

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
9510	41.46	6.79	.	10.29	29.26	5.26	-9.99	0.12	0.32	0.07	0.09	.	0.04	.	.	7.27	100.93
9520	41.84	5.48	.	12.17	27.31	5.08	-9.99	0.02	0.35	0.06	-9.99	.	0.01	.	.	5.90	98.21
9530	39.39	8.28	.	13.35	14.30	7.06	0.37	0.04	0.43	0.04	-9.99	.	.	.	.	11.46	100.22
9540	42.09	5.52	.	9.31	28.02	3.63	0.25	0.02	0.34	0.03	0.03	.	.	.	.	8.54	97.83
9550	45.63	6.65	.	10.72	24.91	2.57	-9.99	0.02	0.47	0.05	-9.99	.	0.03	.	.	8.92	99.94
9560	37.43	3.42	.	7.81	30.74	3.15	0.31	0.04	0.16	0.04	0.10	.	0.05	.	.	15.45	98.65
9570	41.89	5.69	.	14.41	24.30	4.86	0.06	0.01	0.46	-9.99	0.11	.	0.03	.	.	7.19	98.98
9580	44.67	6.90	.	10.65	25.56	7.39	0.56	0.04	0.34	0.01	0.03	.	0.03	.	.	5.75	101.90
9590	45.04	6.59	.	7.28	26.73	7.35	0.67	0.03	0.35	0.02	0.11	.	0.01	.	.	5.94	100.11
9600	39.83	3.65	.	8.70	28.43	3.14	0.25	0.02	0.26	0.03	0.04	.	0.02	.	.	13.41	97.76
9610	41.35	4.01	.	3.94	30.09	2.46	0.55	0.02	0.30	0.01	0.09	.	0.01	.	.	12.01	99.85
9620	44.01	5.61	.	11.73	22.73	5.50	0.03	0.02	0.46	-9.99	-9.99	.	0.18	.	.	7.76	97.84
9630	40.75	8.99	.	14.45	21.73	5.67	0.11	0.01	0.57	-9.99	0.11	.	.	.	.	6.80	99.19
9640	41.30	3.86	.	11.01	30.61	4.20	0.49	0.02	0.34	-9.99	0.04	.	0.06	.	.	9.48	100.35
9650	43.41	9.47	.	12.38	20.03	6.56	0.50	0.02	0.57	-9.99	0.01	.	.	.	.	6.25	99.20
9660	40.46	9.69	.	16.60	21.12	5.60	0.22	0.01	0.59	-9.87	-9.99	.	.	.	.	0.06	101.35
9670	47.91	4.14	1.94	9.70	27.51	7.49	0.17	0.02	0.37	0.02	0.18	.	.	.	0.25	5.61	99.90
9680	47.29	4.30	2.02	10.08	28.25	6.72	0.17	0.02	0.38	0.02	0.18	.	.	.	0.30	6.19	100.26
9690	47.65	4.12	1.98	9.92	27.86	7.10	0.22	0.02	0.37	0.02	0.18	.	.	.	0.22	5.94	99.80
9700	47.48	4.24	2.06	10.28	27.28	7.33	0.20	0.02	0.38	0.02	0.18	.	.	.	0.23	5.88	100.18
9710	47.74	4.01	2.06	10.27	26.88	7.71	0.17	0.01	0.40	0.02	0.19	.	.	.	0.26	5.63	99.65
9720	48.46	4.14	1.68	8.38	29.95	6.27	0.09	0.01	0.30	0.02	0.18	.	.	.	0.19	7.16	99.76
9730	46.84	3.12	1.95	9.74	32.34	4.87	0.05	0.01	0.30	0.01	0.19	.	.	.	0.22	8.51	99.92
9740	47.06	3.49	1.90	9.51	31.09	5.76	0.08	0.01	0.32	0.01	0.19	.	.	.	0.16	7.70	100.30
9750	48.00	3.72	1.85	9.27	29.00	6.93	0.12	0.01	0.34	0.01	0.19	.	.	.	0.18	6.45	99.95
9760	50.65	3.07	1.74	8.71	23.78	10.74	0.15	0.02	0.35	0.02	0.16	.	.	.	0.16	4.72	100.12
9770	47.43	4.96	2.14	10.69	23.57	9.54	0.22	0.02	0.47	0.03	0.34	.	.	.	.	5.40	99.87
9780	47.14	4.46	2.03	10.43	26.91	7.87	0.16	0.01	0.42	0.03	0.21	.	.	.	.	5.78	99.95
9790	48.41	4.33	1.92	9.58	25.62	8.71	0.22	0.02	0.39	0.02	0.22	.	.	.	.	4.96	100.11
9800	47.56	3.67	1.79	8.96	31.32	5.47	0.09	0.01	0.30	0.02	0.21	.	.	.	.	7.72	100.29
9810	46.55	2.86	1.82	9.12	34.95	3.58	0.04	.	0.26	0.02	0.21	.	.	.	.	9.42	99.64
9820	46.75	3.02	1.77	8.85	33.86	4.62	0.04	0.01	0.27	0.01	0.20	.	.	.	.	9.30	100.00
9830	46.97	3.32	1.76	8.81	33.29	4.69	0.06	0.01	0.29	0.02	0.21	.	.	.	.	8.66	99.90
9840	48.42	4.17	1.92	9.58	25.50	9.03	0.17	0.01	0.37	0.04	0.20	.	.	.	.	5.01	100.14
9850	53.12	6.53	2.02	10.08	14.59	11.04	1.43	0.04	0.60	0.06	0.22	0.15	.	2.86	0.03	.	100.58
9860	52.32	6.77	1.97	9.84	14.29	12.04	1.45	0.08	0.66	0.07	0.24	0.25	.	2.56	0.09	.	100.50
9870	52.71	7.99	2.28	11.38	11.98	10.54	1.90	0.08	0.76	0.07	0.19	0.23	.	2.82	0.07	.	99.10
9880	54.74	4.88	1.76	8.82	15.18	12.06	1.45	0.05	0.51	0.03	0.23	0.44	.	3.15	0.15	.	100.86
9890	50.03	6.27	2.06	10.28	18.74	10.90	0.47	0.03	0.55	0.06	0.20	0.17	.	4.35	0.06	.	100.48
9900	53.09	5.82	1.97	9.84	16.27	10.58	1.34	0.06	0.54	0.04	0.19	0.15	.	3.15	0.22	.	101.23
9910	43.60	7.90	3.08	7.80	23.30	6.34	0.87	0.11	0.50	0.09	0.17	0.75	0.06	5.66	.	.	100.70
9920	48.00	6.80	2.51	7.64	13.95	9.78	0.74	0.05	0.55	0.06	0.20	0.20	0.01	3.69	.	.	100.20
9930	46.65	6.82	0.88	6.60	21.85	8.50	0.44	0.03	0.41	0.04	0.10	0.15	0.12	4.68	.	.	99.90
9940	47.70	8.15	1.86	8.26	17.85	10.95	1.10	0.06	0.57	0.09	0.18	0.15	0.07	3.03	.	.	100.50
9950	45.65	8.55	2.47	8.42	18.95	9.50	0.85	0.22	0.56	0.05	0.17	0.20	.	3.68	.	.	99.80
9960	42.90	7.15	1.65	7.59	25.10	6.28	0.42	0.03	0.38	0.09	0.15	0.95	0.03	6.78	.	.	100.20
9970	46.45	9.00	2.34	6.06	19.00	10.02	1.22	0.12	0.62	0.04	0.12	0.15	0.01	4.26	.	.	100.00
9980	47.05	4.90	4.33	10.28	21.30	4.82	0.70	0.44	1.40	0.05	0.23	.	0.16	3.99	.	.	99.90
9990	37.05	2.60	4.87	5.25	33.40	2.15	.	.	0.11	0.02	0.15	2.60	0.04	10.55	.	.	99.55
10000	38.65	2.65	6.65	3.45	35.10	0.30	.	.	0.12	0.04	0.12	0.30	0.06	11.35	.	.	99.70

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
10010	39.85	2.20	5.84	2.23	36.60	0.38	.	.	0.11	0.02	0.07	0.50	0.14	11.60	.	.	100.10
10020	43.66	0.90	4.91	4.62	27.55	4.25	0.50	0.20	0.11	0.01	0.13	0.20	0.08	7.55	.	.	100.95
10030	39.80	2.65	5.28	3.68	34.70	1.18	0.22	0.15	0.13	0.02	0.07	0.15	0.02	10.90	.	.	99.95
10040	44.45	3.50	5.85	10.87	10.70	20.20	0.40	0.28	0.95	0.10	0.22	1.25	0.21	0.77	.	.	101.15
10050	49.70	8.40	13.00	.	12.70	12.80	2.12	0.04	0.85	.	0.23	.	.	.	.	.	.
10060	52.30	8.60	12.00	.	13.70	9.00	3.05	0.06	0.88	.	0.24	.	.	.	.	.	.
10070	41.40	6.90	12.40	.	25.60	5.90	0.06	0.07	0.33	.	0.24	.	0.04	.	.	7.40	100.70
10080	40.00	3.73	8.20	.	27.30	6.33	0.07	0.13	0.14	.	0.15	.	0.07	.	.	9.30	100.10
10090	42.90	6.20	10.10	.	27.30	6.33	0.07	0.13	0.27	.	0.18	.	.	.	.	6.70	100.20
10100	44.40	9.20	11.70	.	18.80	10.80	0.13	.	0.44	.	0.23	.	0.02	.	.	4.60	100.30
10110	47.50	6.21	8.90	.	18.60	14.20	0.29	.	0.39	.	0.23	.	0.04	.	.	3.20	99.50
10120	40.80	3.57	9.90	.	34.50	3.16	0.06	0.11	0.10	.	0.14	.	0.03	.	.	8.40	100.70
10130	42.80	8.00	11.00	.	22.50	8.30	0.09	0.04	0.35	.	0.22	.	0.07	.	.	6.80	100.10
10140	48.10	9.11	13.50	.	12.80	9.10	2.08	0.09	1.11	.	0.26	.	0.10	.	.	3.20	99.20
10150	49.80	6.10	11.50	.	14.60	13.80	0.85	0.10	0.76	.	0.21	.	0.02	.	.	2.30	100.00
10160	47.50	4.50	9.80	.	19.50	13.80	0.54	.	0.61	.	0.20	.	0.03	.	.	3.70	100.10
10170	42.00	5.20	14.20	.	24.00	6.70	0.27	0.04	0.47	.	0.25	.	0.05	.	.	6.00	99.10
10180	46.70	8.16	.	13.69	15.03	9.31	0.93	0.07	0.99	.	0.23	.	.	.	.	2.90	98.01
10190	49.50	8.04	.	12.10	15.21	7.91	1.42	0.07	0.99	.	0.18	.	.	.	.	3.39	98.81
10200	48.34	8.90	.	13.61	12.04	9.98	1.73	0.31	0.09	.	0.25	.	.	.	.	2.45	98.69
10210	47.61	9.27	.	12.07	13.08	8.17	2.83	0.07	1.07	.	0.13	.	.	.	.	3.61	97.90
10220	48.54	9.03	.	14.42	10.22	9.61	2.70	0.05	1.03	.	0.18	.	.	.	.	2.14	97.92
10230	48.55	9.06	.	13.30	11.30	9.65	1.97	0.22	1.02	.	0.32	.	.	.	.	2.26	97.65
10240	48.10	8.67	.	12.27	10.69	11.47	2.49	0.05	0.99	.	0.26	.	.	.	.	2.90	97.89
10250	47.30	7.94	.	13.24	12.73	11.75	1.59	0.05	1.03	.	0.26	.	.	.	.	2.21	98.11
10260	45.87	8.62	.	14.30	13.20	10.94	0.81	0.12	1.08	.	0.27	.	.	.	.	3.24	98.47
10270	45.26	8.67	.	14.08	12.75	11.63	0.98	0.08	1.06	.	0.26	.	.	.	.	3.58	98.35
10280	45.59	8.18	.	14.59	13.03	11.42	0.69	0.17	1.01	.	0.25	.	.	.	.	6.20	98.13
10290	44.55	8.98	.	13.97	15.51	8.30	0.89	0.06	1.08	.	0.46	.	.	.	.	3.63	97.47
10300	42.58	7.94	.	11.83	21.47	8.26	0.19	0.04	0.39	.	0.21	.	.	.	.	5.59	98.48
10310	43.86	9.26	.	11.19	17.60	11.23	0.15	0.04	0.45	.	0.23	.	.	.	.	4.58	98.59
10320	41.71	7.55	.	11.90	22.79	7.22	0.25	0.03	0.33	.	0.19	.	.	.	.	6.09	98.06
10330	43.22	8.58	.	11.90	18.76	10.09	0.32	0.03	0.45	.	0.19	.	.	.	.	4.51	98.05
10340	42.45	9.03	.	11.63	20.37	8.29	0.14	0.04	0.45	.	0.21	.	.	.	.	5.77	98.43
10350	40.48	5.94	.	11.07	26.78	5.72	0.08	0.06	0.27	.	0.19	.	.	.	.	7.32	97.89
10360	42.75	5.89	.	9.96	26.77	5.19	0.10	0.04	0.28	.	0.15	.	.	.	.	7.61	98.74
10370	40.86	4.81	.	12.73	28.09	4.48	0.14	0.08	0.31	.	0.19	.	.	.	.	6.04	97.71
10380	41.57	4.89	.	10.85	28.35	3.48	0.09	0.04	0.25	.	0.19	.	.	.	.	8.18	98.37
10390	39.69	4.66	.	10.02	30.50	3.22	0.09	0.03	0.23	.	0.18	.	.	.	.	9.45	98.07
10400	40.40	4.43	.	7.81	30.83	5.23	0.04	0.01	0.20	.	0.18	.	.	.	.	9.12	98.25
10410	39.75	4.75	.	8.96	30.41	4.73	0.03	0.06	0.22	.	0.17	.	.	.	.	9.67	98.75
10420	44.87	8.70	.	11.20	19.57	8.27	0.59	0.04	0.44	.	0.21	.	.	.	.	4.74	98.64
10430	39.30	5.91	3.68	3.31	33.90	2.58	0.20	0.12	0.17	0.03	0.10	0.31	.	9.23	1.06	.	.
10440	41.00	5.54	3.46	6.16	32.00	4.21	0.28	0.07	0.21	0.01	0.13	0.42	.	5.47	0.73	.	.
10450	48.85	7.55	2.02	11.09	16.73	11.43	0.81	0.07	1.14	0.30	0.02	0.79	.	3.50	.	.	.
10460	48.95	9.40	1.54	9.54	14.34	9.72	0.91	0.02	0.52	0.04	0.18	0.81	.	4.02	.	.	.
10470	42.38	3.26	5.40	5.30	30.05	4.65	0.44	0.17	0.18	0.01	0.19	0.20	.	6.63	0.55	.	.
10480	45.30	8.85	12.73	.	23.05	8.78	0.54	0.09	0.40	0.02	0.25	.	0.03	5.14	.	.	.
10490	45.85	8.35	12.17	.	23.45	8.74	0.83	0.15	0.35	0.02	0.22	.	0.03	3.63	.	.	.
10500	45.60	9.52	12.73	.	20.67	10.87	0.55	0.04	0.44	0.03	0.23	.	0.01	4.45	.	.	.

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
10510	45.23	3.66	12.20	.	32.16	5.28	0.44	0.17	0.20	0.02	0.22	.	.	6.31	.	.	.
10520	45.40	8.71	10.56	.	20.70	8.12	1.00	0.10	0.42	.	0.18	.	.	4.11	0.40	.	.
10530	42.20	8.27	11.31	.	25.30	5.77	0.47	0.09	0.30	.	0.18	.	.	5.14	0.82	.	.
10540	43.50	7.38	11.28	.	25.30	7.13	0.84	0.06	0.32	.	0.20	.	.	3.14	0.25	.	.
10550	42.90	7.82	10.96	.	23.20	7.46	0.82	0.08	0.23	.	0.18	.	.	3.95	0.86	.	.
10560	43.40	8.11	11.31	.	22.00	7.32	0.82	0.18	0.82	.	0.19	.	.	4.17	0.51	.	.
10570	44.50	6.86	10.60	.	25.40	6.31	0.27	0.21	0.32	.	0.18	.	.	4.46	0.37	.	.
10580	43.70	6.58	10.18	.	26.70	6.03	0.21	0.10	0.30	.	0.16	.	.	4.83	0.16	.	.
10590	41.80	4.45	8.56	.	31.60	3.88	0.30	0.03	0.39	.	0.14	.	.	7.75	0.93	.	.
10600	41.40	4.34	9.16	.	31.20	3.72	0.22	0.02	0.24	.	0.17	.	.	7.41	1.05	.	.
10610	43.30	7.08	10.76	.	23.60	6.81	0.50	0.13	0.39	.	0.18	.	.	4.65	0.54	.	.
10620	43.10	6.98	10.24	.	25.10	6.77	0.28	0.17	0.39	.	0.18	.	.	5.25	0.78	.	.
10630	43.00	8.74	11.36	.	19.70	9.91	0.45	0.03	0.44	.	0.20	.	.	4.29	0.51	.	.
10640	38.60	1.83	9.09	.	33.90	2.58	.	0.02	0.13	.	0.15	.	.	9.89	1.10	.	97.80
10650	40.40	1.75	10.73	.	32.90	3.34	.	0.02	0.15	.	0.15	.	.	8.65	0.96	.	99.95
10660	41.80	1.77	8.98	.	33.20	4.76	.	0.03	0.21	.	0.14	.	.	8.00	0.89	.	100.35
10670	41.50	2.74	10.01	.	29.90	4.72	0.01	0.03	0.28	.	0.17	.	.	8.53	0.95	.	99.37
10680	40.70	1.86	11.17	.	33.60	3.82	.	0.01	0.16	.	0.18	.	.	7.18	0.80	.	100.02
10690	41.60	2.79	11.67	.	29.50	4.65	0.06	0.02	0.34	.	0.19	.	.	8.69	0.97	.	101.24
10700	44.20	1.88	11.11	.	27.10	6.07	0.08	0.02	0.32	.	0.19	.	.	7.21	0.80	.	99.48
10710	40.94	5.64	5.65	4.82	27.64	5.08	0.07	0.02	0.30	0.04	.	1.85	.	7.57	0.02	.	.
10720	43.26	5.92	5.34	4.63	28.41	4.07	0.09	0.03	0.30	0.04	.	0.14	.	7.03	0.02	.	.
10730	43.50	6.64	5.25	4.25	29.44	3.69	0.05	0.02	0.33	0.03	.	.	.	6.58	0.05	.	.
10740	47.52	6.45	1.66	7.20	25.11	5.85	0.09	0.02	0.36	0.04	.	.	0.29	5.81	0.05	.	.
10750	45.79	6.81	1.85	7.08	26.02	5.65	0.12	0.01	0.35	0.05	.	0.10	0.48	5.59	0.02	.	.
10760	42.52	5.79	5.06	4.89	28.18	5.20	0.08	0.01	0.33	0.04	.	.	0.04	7.27	0.04	.	.
10770	41.92	7.17	4.02	4.82	28.82	5.09	0.06	0.01	0.31	0.05	.	.	0.13	6.85	0.03	.	.
10780	41.66	6.23	4.80	4.63	29.30	5.03	0.08	0.01	0.33	0.05	.	.	0.05	7.30	0.01	.	.
10790	43.44	5.94	2.97	6.56	28.48	5.41	0.17	0.02	0.33	0.04	.	.	0.02	5.72	0.02	.	.
10800	43.42	4.06	4.54	4.55	30.01	5.66	0.08	0.02	0.25	0.02	0.12	0.17	0.03	5.16	0.21	.	.
10810	44.45	4.21	2.13	7.80	28.20	6.75	0.21	0.02	0.22	0.01	0.11	0.20	0.20	4.65	0.11	.	.
10820	40.40	4.11	4.75	3.32	33.58	3.14	0.03	0.01	0.16	0.01	0.11	0.14	0.03	10.00	.	.	.
10830	39.89	1.79	2.29	2.57	35.37	3.53	0.01	0.02	0.12	0.01	0.13	5.36	0.08	9.24	.	.	.
10840	41.52	4.84	4.33	6.07	31.26	5.32	0.14	0.01	0.28	0.04	0.11	0.10	0.03	5.80	0.28	.	.
10850	40.85	3.70	5.02	4.79	31.67	6.94	0.05	-9.99	0.20	0.08	0.15	0.57	0.01	5.82	0.22	.	.
10860	38.46	3.05	6.99	2.50	34.87	2.41	0.01	0.02	0.14	0.01	0.18	0.73	0.03	9.60	0.39	.	.
10870	37.59	1.19	7.93	1.28	39.31	0.01	-9.99	0.02	0.04	0.01	0.17	0.28	0.16	11.97	0.48	.	.
10880	39.69	2.98	5.61	3.62	34.04	3.76	0.06	0.02	0.22	0.01	0.11	0.42	0.02	9.62	0.26	.	.
10890	45.55	8.35	2.80	7.64	18.57	7.96	1.79	2.08	0.44	0.05	0.18	0.04	0.01	3.68	.	.	.
10900	55.04	2.03	1.82	7.22	30.16	1.60	0.23	0.02	.	.	0.22	0.09	.	1.05	0.14	.	.
10910	53.18	3.21	11.81	.	25.49	3.98	0.49	0.02	0.07	0.02	0.24	.	.	.	0.27	-0.22	.
10920	52.83	2.30	2.48	3.57	19.49	16.36	0.18	0.04	0.16	.	0.18	0.07	.	1.74	0.15	.	.
10930	39.28	2.36	5.04	10.80	32.86	1.78	1.10	0.04	0.22	.	0.22	0.27	.	4.29	0.43	.	.
10940	42.03	3.32	2.21	5.80	32.66	1.11	0.14	0.03	0.14	0.01	0.10	.	.	19.98	0.10	.	.
10950	55.15	1.68	2.08	6.13	30.67	2.22	0.13	0.04	0.07	.	0.18	.	.	.	9.99	0.52	.
10960	53.68	2.67	0.20	9.84	26.22	3.46	0.29	0.05	0.10	0.01	0.23	.	.	.	.	0.21	.
10970	53.60	3.45	0.38	8.92	26.09	3.88	0.31	0.13	0.07	0.01	0.22	.	.	.	.	0.18	.
10980	53.22	3.01	.	6.18	20.79	14.26	0.25	0.06	0.08	0.05	0.23	.	.	.	.	0.34	.
10990	52.45	1.76	.	6.31	20.83	14.52	0.19	0.09	0.07	0.05	0.20	.	.	.	.	0.11	.
11000	41.21	2.08	2.81	4.70	38.96	1.69	0.10	0.10	0.10	.	0.11	0.84	.	5.83	0.20	.	99.05

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S	H20 +	H20 -	L.O.I.	TOTAL
11010	53.01	1.65	2.03	3.59	19.83	16.27	0.09	0.02	0.07	0.06	0.14	.	.	2.03	0.50	.	.
11020	38.50	2.36	3.61	4.88	39.13	1.29	0.09	0.04	0.19	.	0.14	1.48	.	5.62	0.34	.	.
11030	48.95	6.28	2.32	12.22	13.16	11.80	0.97	0.22	0.79	.	0.23	0.07	.	3.03	0.16	.	100.11
11040	42.90	2.60	2.50	7.20	30.00	1.80	0.03	0.01	0.31	0.02	0.13	1.95	.	9.30	0.40	.	99.20
11050	53.70	7.80	1.30	8.60	10.90	11.80	2.90	0.04	0.66	0.07	0.18	0.15	.	1.70	0.10	.	99.90
11060	51.40	8.80	0.80	9.80	10.50	10.70	3.00	0.19	0.53	0.04	0.19	1.36	.	2.20	0.20	.	99.70
11070	53.60	6.80	1.00	9.80	11.50	11.20	3.00	0.06	0.64	0.06	0.23	0.23	.	1.60	0.20	.	99.90
11080	50.70	6.90	1.30	8.50	13.20	10.50	2.40	0.04	0.69	0.07	0.17	1.83	.	3.40	0.20	.	99.90
11090	49.53	6.81	1.62	9.49	16.24	8.23	1.89	0.07	0.54	0.05	0.14	2.36	.	2.73	.	.	.
11100	50.98	6.54	3.21	9.26	13.13	12.64	1.57	0.05	0.51	0.05	0.21	0.41	.	1.42	.	.	.
11110	57.00	.	.	5.65	35.34	0.99	.	0.05	0.09	0.01	0.13	0.04	.	1.51	.	.	.
11120	45.10	2.00	1.25	13.58	36.63	0.91	.	0.07	0.23	0.01	0.23	.	.	.	.	.	.
11130	49.91	2.11	1.99	7.91	20.52	16.62	0.32	0.03	0.37	0.01	0.20	.	.	.	.	.	.
11140	43.08	1.14	1.25	13.73	38.48	1.90	0.03	0.01	0.17	0.01	0.19	.	.	.	.	.	.
11150	47.42	2.24	1.25	13.61	24.31	10.30	0.24	0.04	0.34	0.01	0.23	.	.	.	.	.	.
11160	52.03	2.75	0.95	7.54	17.15	18.58	0.34	.	0.46	0.01	0.19	.	.	.	.	.	.
11170	42.77	1.70	1.25	13.63	38.91	1.32	0.02	.	0.20	.	0.19	.	.	.	.	.	.
11180	51.87	1.99	0.98	5.19	19.03	20.19	0.23	.	0.35	0.01	0.15	.	.	.	.	.	.
11190	51.16	3.02	0.81	8.53	16.92	18.57	0.22	.	0.54	0.02	0.20	.	.	.	.	.	.
11200	51.81	1.78	0.83	6.90	19.35	18.60	0.23	.	0.33	0.01	0.16	.	.	.	.	.	.
11210	44.32	6.10	1.25	12.27	31.29	4.10	0.21	0.04	0.31	0.02	0.20	.	.	.	.	.	.
																-183.5	

EXT4.TBL -- Table 4

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
50	.	.	1.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
60	.	.	3.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
70	.	.	0.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80	.	.	1.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
90	.	.	1.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
100	.	.	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120	.	.	.	.	.	431.0	3000.0	1000.0	.	.	9999.9	.	.	0.4	.	.	.	.
130	.	.	.	.	.	155.0	400.0	1100.0	.	.	5000.0	.	.	0.3	.	.	.	.
140	.	.	.	.	.	170.0	500.0	1100.0	.	.	4800.0	.	.	0.2	.	.	.	.
150	.	.	.	.	.	88.0	2700.0	.	.	.	600.0	.	3.0	0.6	.	.	.	.
160	.	.	.	.	.	102.0	2500.0	100.0	.	.	1400.0	.	3.8	0.7	.	.	.	.
170	.	.	.	.	.	108.0	2600.0	100.0	.	.	1700.0	.	4.5	0.6	.	.	.	.
180	.	.	.	.	.	100.0	2600.0	.	.	.	1200.0	.	3.8	0.6	.	.	.	.
190	.	.	.	.	.	96.0	2400.0	.	.	.	1600.0	.	1.5	0.5	.	.	.	.
200	.	.	.	.	.	105.0	2500.0	100.0	.	.	1800.0	.	1.0	0.6	.	.	.	.
210	.	.	.	.	.	241.0	2300.0	400.0	.	.	2800.0	.	.	0.6	.	.	.	.
220	.	.	.	.	.	141.0	3600.0	400.0	.	.	2500.0	.	.	0.5	.	.	.	.
230	.	.	.	.	.	103.0	1800.0	.	.	.	.	.	.	0.5	.	.	.	.
240	.	.	.	.	.	164.0	2800.0	.	.	.	.	.	.	0.5	.	.	.	.
250	.	.	.	.	.	126.0	2500.0	.	.	.	.	.	.	0.4	.	.	.	.
260	.	.	.	.	.	103.0	2700.0	.	.	.	.	.	.	0.4	.	.	.	.
270	.	.	.	.	.	122.0	3200.0	.	.	.	.	.	.	0.5	.	.	.	.
280	.	.	.	.	.	96.0	1600.0	.	.	.	.	.	.	0.4	.	.	.	.
290	.	.	.	.	.	200.0	5100.0	100.0	.	.	6000.0	.	6.2	0.3	.	.	.	.
300	.	.	.	.	.	202.0	1600.0	100.0	.	.	6000.0	.	.	0.7	.	.	.	.
310	.	.	.	.	.	106.0	2600.0	.	.	.	2200.0	.	7.0	0.6	.	.	.	.
320	.	.	.	.	.	117.0	1300.0	.	.	.	2100.0	.	8.5	0.7	.	.	.	.
330	.	.	.	.	.	71.0	2100.0	.	.	.	.	.	5.5	0.5	.	.	.	.
340	.	.	.	.	.	68.0	2100.0	.	.	.	.	.	8.4	0.6	.	.	.	.
350	.	.	.	.	.	67.0	2200.0	.	.	.	.	.	8.8	0.6	.	.	.	.
360	.	.	.	.	.	56.0	2400.0	.	.	.	.	.	5.8	0.7	.	.	.	.
370	.	.	.	.	.	72.0	3000.0	.	.	.	.	.	.	0.5	.	.	.	.
380	.	.	.	.	.	65.0	2400.0	100.0	.	.	1000.0	.	2.7	0.6	.	.	.	.
390	.	.	.	.	.	84.0	2400.0	100.0	.	.	2300.0	.	3.7	0.6	.	.	.	.
400	.	.	.	.	.	104.0	1700.0	100.0	.	.	2200.0	.	1.4	0.7	.	.	.	.
410	.	.	.	.	.	62.0	3900.0	.	.	.	.	.	1.0	0.8	.	.	.	.
420	.	.	.	.	.	55.0	2300.0	.	.	.	.	.	1.3	0.5	.	.	.	.
430	.	.	.	.	.	71.0	2600.0	.	.	.	.	.	2.0	0.7	.	.	.	.
440	.	.	.	.	.	63.0	1900.0	.	.	.	.	.	30.0	0.6	.	.	.	.
450	.	.	.	.	.	91.0	3200.0	.	.	.	.	.	6.0	0.7	.	.	.	.
460	.	.	.	.	.	66.0	2600.0	.	.	.	.	.	2.5	0.5	.	.	.	.
470	.	.	.	.	.	70.0	2200.0	.	.	.	.	.	1.3	0.7	.	.	.	.
480	.	.	.	.	.	101.0	2900.0	.	.	.	.	.	3.2	0.6	.	.	.	.
490	.	.	.	.	.	192.0	1500.0	400.0	.	.	4000.0	.	2.0	.	.	.	.	.
500	.	.	.	.	.	67.0	4200.0	.	.	.	1400.0	.	.	0.7	.	.	.	.

: No. 2
:3/87

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	BE
510	.	.	.	.	.	82.0	2700.0	100.0	.	.	1200.0	.	2.0	0.5	.	.	.	
520	.	.	.	.	.	82.0	1400.0	.	.	.	1300.0	.	.	0.5	.	.	.	
530	.	.	.	.	.	106.0	1600.0	.	.	.	1300.0	.	0.3	0.5	.	.	.	
540	.	.	.	.	.	108.0	2100.0	.	.	.	1800.0	.	2.0	0.6	.	.	.	
550	.	.	.	.	.	112.0	2700.0	.	.	.	1100.0	.	.	0.7	.	.	.	
560	.	.	.	.	.	116.0	2100.0	.	.	.	1900.0	.	.	0.6	.	.	.	
570	.	.	.	.	.	99.0	1500.0	.	.	.	2000.0	.	4.0	0.6	.	.	.	
580	.	.	.	.	.	91.0	1800.0	200.0	.	.	2000.0	.	.	0.6	.	.	.	
590	.	.	.	.	.	108.0	2600.0	.	.	.	1300.0	.	.	0.4	.	.	.	
600	.	.	.	.	.	97.0	2100.0	.	.	.	1100.0	.	.	0.4	.	.	.	
610	.	.	.	.	.	110.0	3400.0	.	.	.	300.0	.	.	0.4	.	.	.	
620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
630	.	88.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
690	.	.	44.0	.	.	55.0	1055.0	3.0	.	10.0	835.0	.	-1.0	.	.	168.0	.	
700	.	.	20.0	.	.	58.0	1510.0	19.0	.	27.0	320.0	.	1.0	.	.	86.0	.	
710	.	.	36.0	.	.	78.0	1815.0	28.0	.	24.0	835.0	.	1.0	.	.	120.0	.	
720	.	.	40.0	.	.	78.0	1785.0	42.0	.	17.0	1065.0	.	1.0	.	.	70.0	.	
730	.	.	38.0	.	.	85.0	2070.0	231.0	.	13.0	1035.0	.	1.0	.	.	145.0	.	
740	.	.	3.0	.	.	78.0	1850.0	3.0	.	40.0	900.0	.	1.0	.	.	123.0	.	
750	.	.	.	16.0	.	.	2280.0	14.0	.	.	1770.0	.	2.0	.	.	.	.	
760	.	.	.	23.0	.	.	2360.0	.	.	.	1140.0	.	1.8	.	.	.	.	
770	.	.	.	19.0	.	.	2220.0	17.0	.	.	1820.0	.	0.1	.	.	.	.	
780	.	.	.	19.0	.	.	2700.0	4.0	.	.	1200.0	.	0.7	.	.	.	.	
790	.	.	.	59.0	.	.	983.0	15.0	.	11.0	439.0	.	6.0	.	3.0	81.0	.	
800	.	.	.	.	.	104.0	1005.0	19.0	.	8.0	439.0	13.0	9.0	.	.	89.0	.	
810	.	.	.	.	.	224.0	5200.0	28.0	.	2.0	2640.0	9.0	.	.	.	58.0	.	
820	.	.	.	.	.	216.0	5020.0	38.0	.	2.0	1450.0	7.0	.	.	.	54.0	.	
830	.	.	.	.	.	103.0	744.0	115.0	.	5.0	197.0	.	3.0	.	.	78.0	.	
840	.	.	.	.	.	99.0	982.0	69.0	.	7.0	156.0	6.0	.	.	.	79.0	.	
850	.	.	.	.	.	101.0	1340.0	92.0	.	8.0	273.0	.	.	.	.	71.0	.	
860	.	.	.	.	.	99.0	1220.0	17.0	.	5.0	273.0	15.0	.	.	.	60.0	.	
870	.	.	.	53.0	.	.	997.0	54.0	.	4.0	219.0	49.0	2.0	.	.	52.0	.	
880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
900	.	.	.	.	.	90.0	2450.0	40.0	.	.	1110.0	.	.	.	.	.	.	
910	.	.	.	.	.	80.0	2620.0	10.0	.	.	1040.0	.	.	.	.	.	.	
920	.	.	.	.	.	100.0	1300.0	10.0	.	.	890.0	.	.	.	.	.	.	
930	.	.	.	.	.	70.0	1260.0	.	.	.	390.0	.	.	.	.	.	.	
940	.	.	.	.	.	90.0	1970.0	270.0	.	.	1110.0	.	.	.	.	.	.	
950	.	.	.	.	.	80.0	2590.0	.	.	.	980.0	.	.	.	.	.	.	
960	.	.	.	.	.	80.0	2670.0	100.0	.	.	940.0	.	.	.	.	.	.	
970	.	.	.	.	.	70.0	2210.0	50.0	.	.	850.0	.	.	.	.	.	.	
980	.	.	.	.	.	90.0	990.0	140.0	.	.	850.0	.	.	.	.	.	.	
990	.	.	.	.	.	90.0	1590.0	210.0	.	.	740.0	.	.	.	.	.	.	
1000	.	.	.	.	.	80.0	4490.0	.	.	.	360.0	.	.	.	.	.	.	

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
1010	.	.	.	.	.	70.0	1490.0	.	.	.	580.0	.	.	.	.	.	.	.
1020	.	.	.	.	.	95.0	840.0	8.0	.	.	1960.0	30.0	.	.	.	55.0	.	.
1030	.	.	.	.	.	80.0	1500.0	70.0	.	.	620.0	20.0	.	.	.	50.0	.	.
1040	.	.	.	.	.	110.0	640.0	7.0	.	.	2380.0	20.0	.	.	.	55.0	.	.
1050	.	.	.	.	.	95.0	1060.0	6.0	.	.	2440.0	-10.0	.	.	.	45.0	.	.
1060	.	.	.	.	.	125.0	920.0	6.0	.	.	2380.0	-10.0	.	.	.	40.0	.	.
1070	.	.	.	.	.	120.0	1260.0	10.0	.	.	1380.0	-10.0	.	.	.	85.0	.	.
1080	.	.	.	.	.	75.0	2300.0	7.0	.	.	660.0	10.0	.	.	.	50.0	.	.
1090	.	.	.	.	.	95.0	1840.0	490.0	.	.	940.0	10.0	.	.	.	50.0	.	.
1100	.	.	.	.	.	110.0	2520.0	40.0	.	.	1280.0	15.0	.	.	.	85.0	.	.
1110	.	.	.	.	.	75.0	2100.0	25.0	.	.	1380.0	15.0	.	.	.	55.0	.	.
1120	.	.	.	.	.	104.0	1005.0	.	.	.	439.0	.	9.0	.	.	.	.	.
1130	.	.	.	.	.	90.0	2251.0	.	.	.	822.0	.	2.0	.	.	.	.	.
1140	.	.	.	.	.	87.0	2477.0	.	.	.	784.0	.	3.0	.	.	.	.	.
1150	.	.	.	.	.	136.0	1750.0	.	.	.	751.0	.	3.0	.	.	.	.	.
1160	.	.	.	.	.	103.0	744.0	.	.	.	197.0	.	3.0	.	.	.	.	.
1170	.	.	.	.	.	224.0	5200.0	.	.	.	1640.0	.	.	.	.	.	.	.
1180	.	.	.	.	.	216.0	5020.0	.	.	.	1450.0	.	.	.	.	.	.	.
1190	.	.	.	.	.	123.0	2647.0	.	.	.	2285.0	.	0.3	.	.	.	.	.
1200	.	.	.	.	.	99.0	982.0	.	.	.	156.0	.	.	.	.	.	.	.
1210	.	.	.	.	.	101.0	1340.0	.	.	.	273.0	.	.	.	.	.	.	.
1220	.	.	.	.	.	99.0	1220.0	.	.	.	273.0	.	1.4	.	.	.	.	.
1230	.	.	.	.	.	90.0	1350.0	.	.	.	411.0	.	70.5	.	.	.	.	.
1240	.	.	.	.	.	122.0	2056.0	.	.	.	1806.0	.	.	.	.	.	.	.
1250	.	.	.	.	.	.	5250.0	.	.	.	4886.0	.	.	.	.	.	.	.
1260	.	.	.	.	.	.	7540.0	.	.	.	1022.0	.	.	.	.	.	.	.
1270	.	.	.	.	.	76.0	536.0	.	.	.	290.0	.	.	.	.	.	.	.
1280	.	.	.	.	.	113.0	1869.0	.	.	.	1760.0	.	.	.	.	.	.	.
1290	.	.	.	.	.	103.0	948.0	.	.	.	1179.0	.	.	.	.	.	.	.
1300	.	.	.	.	.	.	3215.0	.	.	.	707.0	.	.	.	.	.	.	.
1310	.	.	.	.	.	113.0	4099.0	.	.	.	1180.0	.	.	.	.	.	.	.
1320	.	37.0	2.3	.	.	105.0	2470.0	75.0	.	.	1350.0	6.0	.	.	.	53.0	.	.
1330	.	-1.0	2.6	.	.	97.0	2590.0	26.0	.	.	940.0	6.0	.	.	.	76.0	.	.
1340	.	16.0	2.1	.	.	85.0	2680.0	40.0	.	.	650.0	8.0	.	.	.	79.0	.	.
1350	.	15.0	3.5	.	.	111.0	1730.0	25.0	.	.	1860.0	7.0	.	.	.	58.0	.	.
1360	.	30.0	2.0	.	.	97.0	2070.0	22.0	.	.	1690.0	5.0	.	.	.	66.0	.	.
1370	.	.	1.3	.	.	102.0	1990.0	20.0	.	.	1720.0	70.0	.	.	.	62.0	.	.
1380	.	17.0	2.2	.	.	103.0	2440.0	20.0	.	.	1460.0	7.0	.	.	.	62.0	.	.
1390	.	.	2.2	.	.	95.0	1790.0	35.0	.	.	1290.0	8.0	.	.	.	62.0	.	.
1400	.	29.0	3.1	.	.	105.0	2540.0	33.0	.	.	1210.0	6.0	.	.	.	72.0	.	.
1410	.	5.0	6.6	.	.	102.0	2600.0	26.0	.	.	1340.0	6.0	.	.	.	72.0	.	.
1420	.	3.0	2.5	.	.	102.0	2170.0	35.0	.	.	1510.0	6.0	.	.	.	69.0	.	.
1430	.	-1.0	2.1	.	.	66.0	1150.0	36.0	.	.	350.0	7.0	.	.	.	86.0	.	.
1440	.	32.0	0.8	.	.	136.0	6680.0	1.0	.	.	2196.0	6.0	.	.	.	71.0	.	.
1450	.	-1.0	1.4	.	.	116.0	4390.0	3.0	.	.	2469.0	7.0	.	.	.	61.0	.	.
1460	.	23.0	2.9	.	.	100.0	2510.0	54.0	.	.	856.0	8.0	.	.	.	124.0	.	.
1470	.	-1.0	1.2	.	.	90.0	3760.0	34.0	.	.	1284.0	7.0	.	.	.	84.0	.	.
1480	.	26.0	0.5	.	.	162.0	2830.0	16.0	.	.	1739.0	5.0	.	.	.	90.0	.	.
1490	.	2.0	0.5	.	.	65.0	1750.0	29.0	.	.	383.0	7.0	.	.	.	91.0	.	.
1500	.	87.0	0.4	.	.	46.0	1890.0	38.0	.	.	211.0	5.0	.	.	.	76.0	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
1510	.	-1.0	0.5	.	.	75.0	1160.0	38.0	.	.	328.0	5.0	.	.	.	74.0	.	.
1520	.	13.0	3.9	.	.	57.0	201.0	175.0	.	.	163.0	5.0	.	.	.	86.0	.	.
1530	.	16.0	1.0	.	.	55.0	780.0	43.0	.	.	235.0	6.0	.	.	.	71.0	.	.
1540	.	16.0	2.9	.	.	51.0	429.0	84.0	.	.	136.0	5.0	.	.	.	94.0	.	.
1550	.	47.0	0.6	.	.	53.0	1260.0	79.0	.	.	191.0	5.0	.	.	.	85.0	.	.
1560	.	.	.	.	.	86.0	2012.0	320.0	.	.	1127.0	.	.	.	.	.	.	.
1570	.	.	.	.	.	96.0	2312.0	145.0	.	.	878.0	.	.	.	.	.	.	.
1580	.	.	.	.	.	118.0	975.0	11.0	.	.	1200.0	.	.	.	.	.	.	.
1590	.	.	.	.	.	150.0	927.0	30.0	.	.	1280.0	.	.	.	.	.	.	.
1600	.	.	.	.	.	144.0	835.0	13.0	.	.	1240.0	.	.	.	.	.	.	.
1610	.	.	.	.	.	116.0	812.0	7.0	.	.	1240.0	.	.	.	.	.	.	.
1620	.	.	.	.	.	112.0	837.0	61.0	.	.	1220.0	.	.	.	.	.	.	.
1630	.	.	.	.	.	105.0	775.0	8.0	.	.	1200.0	.	.	.	.	.	.	.
1640	.	.	.	.	.	.	2720.0	60.0	.	.	1800.0	.	.	.	.	70.0	.	.
1650	.	.	.	.	.	.	2280.0	55.0	.	.	1540.0	.	.	.	.	55.0	.	.
1660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1680	.	.	.	.	.	.	2300.0	65.0	.	.	1160.0	.	.	.	.	60.0	.	.
1690	.	.	.	.	.	.	3300.0	80.0	.	.	1120.0	.	.	.	.	75.0	.	.
1700	.	.	.	.	.	.	2000.0	30.0	.	.	1100.0	.	.	.	.	60.0	.	.
1710	.	.	.	.	.	.	2840.0	46.0	.	.	1380.0	.	.	.	.	75.0	.	.
1720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1730	.	.	.	.	.	.	740.0	45.0	.	.	1640.0	.	.	.	.	-10.0	.	.
1740	.	.	.	.	.	.	1160.0	130.0	.	.	1420.0	.	.	.	.	30.0	.	.
1750	.	.	.	.	.	.	3070.0	37.0	.	.	2420.0	.	.	.	.	38.0	.	.
1760	.	.	.	.	.	.	3270.0	35.0	.	.	780.0	.	.	.	.	30.0	.	.
1770	.	.	.	.	.	.	1520.0	38.0	.	.	1740.0	.	.	.	.	42.0	.	.
1780	.	.	.	.	.	.	1880.0	30.0	.	.	1320.0	.	.	.	.	50.0	.	.
1790	.	.	.	.	.	.	2880.0	30.0	.	.	1000.0	.	.	.	.	100.0	.	.
1800	.	.	.	.	.	.	2280.0	30.0	.	.	1180.0	.	.	.	.	55.0	.	.
1810	.	.	.	.	.	.	1840.0	38.0	.	.	1200.0	.	.	.	.	52.0	.	.
1820	.	.	.	.	.	.	4850.0	10.0	.	.	2670.0	.	.	.	.	75.0	.	.
1830	.	.	.	.	.	.	1900.0	30.0	.	.	1100.0	.	.	.	.	45.0	.	.
1840	.	.	.	.	.	.	1200.0	8.0	.	.	2000.0	.	.	.	.	40.0	.	.
1850	.	.	.	.	.	.	1440.0	65.0	.	.	1980.0	.	.	.	.	40.0	.	.
1860	.	.	.	.	.	.	3000.0	50.0	.	.	750.0	.	.	.	.	60.0	.	.
1870	.	.	.	.	.	.	3930.0	40.0	.	.	2490.0	.	.	.	.	39.0	.	.
1880	.	.	.	.	.	.	4460.0	30.0	.	.	880.0	.	.	.	.	48.0	.	.
1890	.	.	.	.	.	.	5140.0	30.0	.	.	1080.0	.	.	.	.	49.0	.	.
1900	.	.	.	.	.	.	1840.0	26.0	.	.	720.0	.	.	.	.	68.0	.	.
1910	.	.	.	.	.	.	2530.0	22.0	.	.	2270.0	.	.	.	.	33.0	.	.
1920	.	.	.	.	.	.	5760.0	10.0	.	.	2630.0	.	.	.	.	48.0	.	.
1930	.	.	.	.	.	.	.	192.0	.	.	680.0	.	.	.	.	83.0	.	.
1940	.	.	.	.	.	.	2360.0	25.0	.	.	920.0	.	.	.	.	70.0	.	.
1950	.	.	.	.	.	.	1340.0	41.0	.	.	350.0	.	.	.	.	60.0	.	.
1960	.	.	.	.	.	.	294.0	60.0	.	.	86.0	.	.	.	.	90.0	.	.
1970	.	.	.	.	.	.	.	125.0	.	.	520.0	.	.	.	.	85.0	.	.
1980	.	.	.	.	.	.	2880.0	56.0	.	.	760.0	.	.	.	.	96.0	.	.
1990	.	.	.	.	.	.	.	126.0	.	.	760.0	.	.	.	.	76.0	.	.
2000	.	.	.	.	.	.	.	80.0	.	.	600.0	.	.	.	.	78.0	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
2010	.	.	.	.	.	.	1900.0	52.0	.	.	600.0	.	.	.	.	69.0	.	.
2020	.	.	.	.	.	90.0	157.0	.	.	.	700.0	.	.	.	.	.	.	.
2030	.	.	.	.	.	110.0	188.0	.	.	.	700.0	.	.	.	.	.	.	.
2040	.	.	.	.	.	140.0	201.0	.	.	.	1200.0	.	.	.	.	.	.	.
2050	.	.	.	.	.	120.0	162.0	.	.	.	900.0	.	.	.	.	.	.	.
2060	.	.	.	.	.	110.0	136.0	.	.	.	800.0	.	.	.	.	.	.	.
2070	.	.	.	.	.	130.0	188.0	.	.	.	1200.0	.	.	.	.	.	.	.
2080	.	.	.	.	.	110.0	156.0	.	.	.	700.0	.	.	.	.	.	.	.
2090	.	.	.	.	.	100.0	181.0	.	.	.	4200.0	.	.	.	.	.	.	.
2100	.	.	.	.	.	50.0	188.0	.	.	.	1500.0	.	.	.	.	.	.	.
2110	.	.	.	.	.	50.0	117.0	.	.	.	2000.0	.	.	.	.	.	.	.
2120	.	.	.	.	.	80.0	188.0	.	.	.	2600.0	.	.	.	.	.	.	.
2130	.	.	.	.	.	90.0	279.0	.	.	.	2700.0	.	.	.	.	.	.	.
2140	.	.	.	.	.	120.0	220.0	.	.	.	4900.0	.	.	.	.	.	.	.
2150	.	.	.	.	.	100.0	214.0	.	.	.	3000.0	.	.	.	.	.	.	.
2160	.	.	.	.	.	110.0	188.0	.	.	.	3200.0	.	.	.	.	.	.	.
2170	.	.	.	.	.	140.0	194.0	.	.	.	5000.0	.	.	.	.	.	.	.
2180	.	.	.	.	.	90.0	123.0	.	.	.	3500.0	.	.	.	.	.	.	.
2190	.	.	.	.	.	120.0	240.0	.	.	.	3900.0	.	.	.	.	.	.	.
2200	.	.	.	.	.	130.0	123.0	.	.	.	6400.0	.	.	.	.	.	.	.
2210	.	.	.	.	.	110.0	188.0	.	.	.	3300.0	.	.	.	.	.	.	.
2220	.	.	.	.	.	90.0	97.0	.	.	.	3900.0	.	.	.	.	.	.	.
2230	.	.	.	.	.	160.0	331.0	.	.	.	4300.0	.	.	.	.	.	.	.
2240	.	.	.	.	.	140.0	357.0	.	.	.	4700.0	.	.	.	.	.	.	.
2250	.	.	.	.	.	200.0	350.0	.	.	.	7000.0	.	.	.	.	.	.	.
2260	.	.	.	.	.	140.0	369.0	.	.	.	2400.0	.	.	.	.	.	.	.
2270	.	.	.	.	.	100.0	181.0	.	.	.	1300.0	.	.	.	.	.	.	.
2280	.	.	.	.	.	80.0	156.0	.	.	.	1100.0	.	.	.	.	.	.	.
2290	.	.	.	.	.	110.0	194.0	.	.	.	1500.0	.	.	.	.	.	.	.
2300	.	.	.	.	.	130.0	220.0	.	.	.	1800.0	.	.	.	.	.	.	.
2310	.	.	.	.	.	110.0	207.0	.	.	.	1200.0	.	.	.	.	.	.	.
2320	.	.	.	.	.	100.0	201.0	.	.	.	1600.0	.	.	.	.	.	.	.
2330	.	.	.	.	.	100.0	181.0	.	.	.	1800.0	.	.	.	.	.	.	.
2340	.	.	.	.	.	110.0	201.0	.	.	.	1200.0	.	.	.	.	.	.	.
2350	.	.	.	.	.	110.0	194.0	.	.	.	1500.0	.	.	.	.	.	.	.
2360	.	.	.	.	.	90.0	188.0	.	.	.	1400.0	.	.	.	.	.	.	.
2370	.	.	.	.	.	110.0	194.0	.	.	.	1200.0	.	.	.	.	.	.	.
2380	.	.	.	.	.	110.0	194.0	.	.	.	1100.0	.	.	.	.	.	.	.
2390	.	.	.	.	.	110.0	201.0	.	.	.	1100.0	.	.	.	.	.	.	.
2400	.	.	.	.	.	110.0	194.0	.	.	.	1200.0	.	.	.	.	.	.	.
2410	.	.	.	.	.	90.0	194.0	.	.	.	1400.0	.	.	.	.	.	.	.
2420	.	.	.	.	.	100.0	175.0	.	.	.	1100.0	.	.	.	.	.	.	.
2430	.	.	.	.	.	130.0	279.0	.	.	.	1300.0	.	.	.	.	.	.	.
2440	.	.	.	.	.	130.0	318.0	.	.	.	1400.0	.	.	.	.	.	.	.
2450	.	.	.	.	.	100.0	233.0	.	.	.	1700.0	.	.	.	.	.	.	.
2460	.	.	.	.	.	100.0	188.0	.	.	.	1500.0	.	.	.	.	.	.	.
2470	.	.	.	.	.	100.0	181.0	.	.	.	800.0	.	.	.	.	.	.	.
2480	.	.	.	.	.	110.0	220.0	.	.	.	1000.0	.	.	.	.	.	.	.
2490	.	.	.	.	.	110.0	227.0	.	.	.	1100.0	.	.	.	.	.	.	.
2500	.	.	.	.	.	110.0	214.0	.	.	.	1000.0	.	.	.	.	.	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	BE
2510	.	.	.	.	.	110.0	214.0	.	.	.	900.0	.	.	.	.	.	.	.
2520	.	.	.	.	.	110.0	227.0	.	.	.	1000.0	.	.	.	.	.	.	.
2530	.	.	.	.	.	100.0	207.0	.	.	.	900.0	.	.	.	.	.	.	.
2540	.	.	.	.	.	140.0	363.0	.	.	.	1500.0	.	.	.	.	.	.	.
2550	.	.	.	.	.	90.0	188.0	.	.	.	900.0	.	.	.	.	.	.	.
2560	.	.	.	.	.	100.0	188.0	.	.	.	700.0	.	.	.	.	.	.	.
2570	.	.	.	.	.	100.0	201.0	.	.	.	800.0	.	.	.	.	.	.	.
2580	.	.	.	.	.	110.0	194.0	.	.	.	700.0	.	.	.	.	.	.	.
2590	.	.	.	.	.	100.0	201.0	.	.	.	800.0	.	.	.	.	.	.	.
2600	.	.	.	.	.	110.0	227.0	.	.	.	900.0	.	.	.	.	.	.	.
2610	.	.	.	.	.	100.0	169.0	.	.	.	700.0	.	.	.	.	.	.	.
2620	-2.0	170.0	-2.0	60.0	-1.0	90.0	2110.0	15.0	.	4.0	1380.0	-10.0	.	66.0	.	40.0	.	-1.
2630	-2.0	-10.0	-2.0	40.0	-1.0	90.0	3670.0	116.0	.	6.0	1580.0	-10.0	.	12.0	.	80.0	.	-1.
2640	-2.0	65.0	5.0	40.0	1.0	95.0	3160.0	14.0	.	21.0	645.0	-10.0	.	20.0	.	165.0	.	-1.0
2650	-2.0	20.0	6.0	40.0	-1.0	70.0	304.0	5.0	.	9.0	960.0	-10.0	.	27.0	.	141.0	.	1.0
2660	-2.0	180.0	3.0	50.0	8.0	58.0	2000.0	26.0	.	6.0	315.0	-10.0	.	244.0	.	98.0	.	-1.
2670	-2.0	-10.0	2.0	40.0	-1.0	71.0	289.0	290.0	.	10.0	155.0	-10.0	.	250.0	.	185.0	.	1.
2680	-2.0	15.0	-2.0	130.0	1.0	60.0	1100.0	10.0	.	14.0	280.0	-10.0	.	7.0	.	128.0	.	-1.0
2690	-2.0	970.0	-2.0	40.0	2.0	51.0	1500.0	79.0	.	8.0	355.0	-10.0	.	23.0	.	78.0	.	-1.
2700	-2.0	-10.0	3.0	60.0	1.0	63.0	2260.0	7.0	.	16.0	545.0	-10.0	.	3.0	.	82.0	.	-1.
2710	-2.0	35.0	-2.0	20.0	-1.0	82.0	3840.0	6.0	.	4.0	1520.0	-10.0	.	8.0	.	92.0	.	-1.0
2720	-2.0	50.0	-2.0	80.0	-1.0	51.0	1680.0	11.0	.	10.0	305.0	-10.0	.	8.0	.	124.0	.	-1.0
2730	.	.	-2.0	20.0	.	93.0	2090.0	67.0	.	22.0	1410.0	-10.0	.	.	.	170.0	.	.
2740	.	.	2.0	30.0	.	80.0	2900.0	8.0	.	-3.0	1380.0	-10.0	.	.	.	64.0	.	.
2750	.	.	.	30.0	.	91.0	1610.0	245.0	.	52.0	1000.0	-10.0	.	.	.	130.0	.	2.0
2760	.	530.0	.	30.0	2.0	83.0	2550.0	5.0	-20.0	8.0	1410.0	-10.0	.	30.0	-1.0	72.0	.	-1.
2770	.	10.0	.	80.0	2.0	71.0	2670.0	63.0	-20.0	14.0	840.0	-10.0	.	8.0	-1.0	78.0	.	-1.
2780	.	30.0	.	50.0	-1.0	60.0	1270.0	119.0	-20.0	8.0	320.0	-10.0	.	15.0	-1.0	90.0	.	-1.0
2790	.	1400.0	.	70.0	3.0	12.0	42.0	41.0	40.0	10.0	28.0	-10.0	.	90.0	-1.0	42.0	.	-1.0
2800	.	20.0	-1.0	-10.0	-1.0	88.0	2420.0	-5.0	.	4.0	1610.0	-10.0	.	4.0	-1.0	28.0	.	-1.
2810	.	20.0	4.0	70.0	-1.0	48.0	320.0	6.0	.	16.0	111.0	-10.0	.	20.0	-1.0	108.0	.	1.
2820	.	10.0	8.0	20.0	-1.0	60.0	1240.0	114.0	.	16.0	310.0	10.0	.	54.0	-1.0	70.0	.	-1.0
2830	.	60.0	-1.0	10.0	-1.0	91.0	2780.0	14.0	.	6.0	1740.0	-10.0	.	10.0	-1.0	49.0	.	-1.
2840	.	30.0	2.0	80.0	-10.0	55.0	1130.0	36.0	.	22.0	415.0	-10.0	.	11.0	-1.0	60.0	.	-1.
2850	.	370.0	24.0	30.0	-1.0	67.0	2440.0	55.0	.	26.0	620.0	-10.0	.	14.0	-1.0	68.0	.	1.0
2860	.	-10.0	-1.0	20.0	-1.0	67.0	2600.0	5.0	.	-3.0	490.0	-10.0	.	19.0	-1.0	70.0	.	-1.0
2870	.	60.0	-1.0	20.0	-1.0	71.0	2250.0	20.0	.	13.0	855.0	-10.0	.	18.0	-1.0	54.0	.	-1.
2880	.	180.0	4.0	30.0	-1.0	66.0	2240.0	50.0	.	15.0	595.0	-10.0	.	24.0	-1.0	74.0	.	-1.
2890	.	340.0	5.0	40.0	-1.0	84.0	2800.0	365.0	.	8.0	825.0	-10.0	.	113.0	-1.0	59.0	.	-1.0
2900	.	10.0	60.0	40.0	.	102.0	2950.0	126.0	-20.0	3.0	1110.0	10.0	.	1.0	.	140.0	.	.
2910	.	20.0	130.0	20.0	.	113.0	1560.0	64.0	-20.0	3.0	1860.0	-10.0	.	15.0	.	50.0	.	.
2920	.	-10.0	3.0	40.0	.	90.0	1630.0	59.0	-20.0	-3.0	820.0	-10.0	.	6.0	.	58.0	.	.
2930	.	-10.0	15.0	20.0	.	98.0	4140.0	156.0	-20.0	8.0	1250.0	-10.0	.	8.0	.	62.0	.	.
2940	.	-10.0	-2.0	30.0	.	74.0	2950.0	24.0	-20.0	10.0	600.0	-10.0	.	-1.0	.	77.0	.	.
2950	.	-10.0	-2.0	20.0	.	76.0	2000.0	22.0	-20.0	6.0	1020.0	-10.0	.	3.0	.	49.0	.	.
2960	.	-10.0	5.0	40.0	.	56.0	990.0	41.0	-20.0	31.0	200.0	-10.0	.	1.0	.	82.0	.	.
2970	.	-10.0	5.0	40.0	.	56.0	990.0	41.0	-20.0	31.0	200.0	-10.0	.	1.0	.	82.0	.	.
2980	.	-10.0	5.0	40.0	.	56.0	990.0	41.0	-20.0	31.0	200.0	-10.0	.	1.0	.	82.0	.	.
2990	.	-10.0	5.0	40.0	.	56.0	990.0	41.0	-20.0	31.0	200.0	-10.0	.	1.0	.	82.0	.	.
3000	.	-10.0	-2.0	40.0	.	55.0	1010.0	42.0	-20.0	30.0	192.0	-10.0	.	1.0	.	86.0	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
3010	.	-10.0	-2.0	40.0	.	55.0	1010.0	42.0	-20.0	30.0	192.0	-10.0	.	1.0	.	86.0	.	.
3020	.	-10.0	-2.0	40.0	.	55.0	1010.0	42.0	-20.0	30.0	192.0	-10.0	.	1.0	.	86.0	.	.
3030	.	-10.0	-2.0	40.0	.	55.0	1010.0	42.0	-20.0	30.0	192.0	-10.0	.	1.0	.	86.0	.	.
3040	.	10.0	-2.0	30.0	.	70.0	1620.0	30.0	-20.0	48.0	450.0	-10.0	.	3.0	.	48.0	.	.
3050	.	110.0	15.0	80.0	.	58.0	1020.0	76.0	-20.0	18.0	260.0	-10.0	.	35.0	.	75.0	.	.
3060	-2.0	-10.0	4.0	60.0	.	56.0	1400.0	51.0	-20.0	50.0	225.0	-10.0	.	9.0	.	126.0	.	-1.0
3070	-2.0	-10.0	6.0	100.0	.	48.0	1200.0	9.0	-20.0	27.0	250.0	-10.0	.	11.0	.	90.0	.	-1.0
3080	-2.0	15.0	560.0	10.0	.	76.0	4360.0	795.0	.	39.0	720.0	-10.0	.	2.0	.	95.0	-10.0	.
3090	-2.0	130.0	115.0	20.0	.	93.0	3720.0	176.0	.	-3.0	1000.0	-10.0	.	9.0	.	120.0	-10.0	.
3100	.	.	-2.0	20.0	.	121.0	3380.0	30.0	.	-3.0	1380.0	-10.0	.	.	.	60.0	.	.
3110	.	.	6.0	10.0	.	84.0	1600.0	10.0	.	-3.0	2220.0	21.0	.	.	.	48.0	.	.
3120	.	.	2.0	250.0	.	57.0	1110.0	42.0	.	38.0	460.0	-10.0	.	.	.	102.0	.	.
3130	.	.	3.0	20.0	.	59.0	2170.0	18.0	.	14.0	600.0	-10.0	.	.	.	88.0	.	.
3140	.	.	7.0	20.0	.	87.0	1980.0	14.0	.	-3.0	2100.0	-10.0	.	.	.	64.0	.	.
3150	.	.	4.0	30.0	.	73.0	3480.0	23.0	.	-3.0	1210.0	-10.0	.	.	.	51.0	.	.
3160	-1.0	.	-10.0	30.0	.	85.0	4400.0	25.0	.	-3.0	1300.0	15.0	.	.	.	75.0	-1.0	-1.0
3170	.	.	.	160.0	.	45.0	1480.0	45.0	.	20.0	205.0	-10.0	.	.	.	55.0	.	.
3180	.	.	.	90.0	.	55.0	1500.0	95.0	.	10.0	250.0	65.0	.	.	.	120.0	.	.
3190	.	10.0	.	80.0	.	82.0	2710.0	12.0	-20.0	51.0	1200.0	-10.0	.	5.0	1.0	190.0	.	-1.0
3200	.	.	.	170.0	.	45.0	267.0	126.0	.	28.0	167.0	-10.0	.	.	.	104.0	.	4.0
3210	.	.	19.0	60.0	.	52.0	328.0	535.0	.	4.0	220.0	34.0	.	.	.	68.0	.	1.0
3220	.	.	-2.0	50.0	.	51.0	605.0	59.0	.	6.0	177.0	-10.0	.	.	.	80.0	.	1.0
3230	.	.	-2.0	40.0	.	62.0	2150.0	76.0	.	14.0	440.0	-1.0	.	.	.	76.0	.	-1.0
3240	.	.	-2.0	20.0	.	76.0	880.0	98.0	.	10.0	1450.0	-10.0	.	.	.	50.0	.	-1.0
3250	.	.	-2.0	10.0	.	82.0	1890.0	47.0	.	6.0	840.0	-10.0	.	.	.	72.0	.	-1.0
3260	.	.	2.0	40.0	.	62.0	785.0	144.0	.	4.0	235.0	-10.0	.	.	.	102.0	.	1.0
3270	.	.	-2.0	20.0	.	75.0	935.0	8.0	.	6.0	1850.0	-10.0	.	.	.	40.0	.	-1.0
3280	.	.	55.0	50.0	.	42.0	2500.0	180.0	.	14.0	195.0	-10.0	.	.	.	56.0	.	1.0
3290	.	.	7.0	40.0	.	84.0	1280.0	34.0	.	6.0	1500.0	-10.0	.	.	.	70.0	.	-1.0
3300	.	.	-2.0	150.0	.	60.0	1040.0	54.0	.	24.0	565.0	-10.0	.	.	.	94.0	.	-1.0
3310	.	.	2.0	30.0	.	113.0	910.0	8.0	.	4.0	1410.0	-10.0	.	.	.	104.0	.	-1.0
3320	.	.	2.0	50.0	.	64.0	775.0	142.0	.	6.0	235.0	-10.0	.	.	.	104.0	.	1.0
3330	.	.	4.0	30.0	.	78.0	1320.0	33.0	.	6.0	1470.0	-10.0	.	.	.	70.0	.	-1.0
3340	.	.	-2.0	.	.	94.0	2400.0	58.0	.	.	2400.0	-10.0	.	.	.	51.0	.	-1.0
3350	.	.	-2.0	.	.	91.0	2510.0	24.0	.	.	1500.0	-10.0	.	.	.	78.0	.	-1.0
3360	.	.	3.0	.	.	60.0	203.0	415.0	.	.	196.0	-10.0	.	.	.	121.0	.	2.0
3370	.	.	28.0	.	.	57.0	320.0	535.0	.	.	265.0	-10.0	.	.	.	110.0	.	1.0
3380	.	.	-2.0	.	.	80.0	2500.0	57.0	.	.	1460.0	-10.0	.	.	.	82.0	.	-1.0
3390	.	.	-2.0	.	.	93.0	2350.0	58.0	.	.	2280.0	-10.0	.	.	.	52.0	.	-1.0
3400	.	.	16.0	80.0	.	69.0	1990.0	21.0	.	20.0	960.0	28.0	.	.	.	56.0	.	-1.0
3410	.	.	3.0	20.0	.	52.0	1140.0	53.0	.	32.0	345.0	112.0	.	.	.	66.0	.	-1.0
3420	.	.	4.0	60.0	.	71.0	2230.0	80.0	.	23.0	775.0	210.0	.	.	.	84.0	.	-1.0
3430	.	.	.	-10.0	.	116.0	4000.0	6.0	.	-3.0	1930.0	-10.0	.	.	.	68.0	.	.
3440	-2.0	.	.	300.0	.	840.0	8350.0	5.0	.	3.0	2460.0	-10.0	.	.	.	46.0	.	-1.0
3450	.	.	.	30.0	.	85.0	309.0	74.0	.	11.0	455.0	-10.0	.	.	.	180.0	.	-1.0
3460	.	.	.	50.0	.	75.0	279.0	6.0	.	14.0	435.0	-10.0	.	.	.	126.0	.	-1.0
3470	.	.	7.0	.	.	74.0	1690.0	56.0	.	.	1410.0	-10.0	.	.	.	64.0	.	-1.0
3480	.	.	.	20.0	.	90.0	1020.0	14.0	.	-3.0	1760.0	46.0	.	.	.	28.0	.	-1.0
3490	.	.	.	40.0	.	78.0	2720.0	25.0	.	13.0	700.0	-10.0	.	.	.	98.0	.	-1.0
3500	.	.	.	40.0	.	82.0	3180.0	58.0	.	4.0	760.0	-10.0	.	.	.	82.0	.	-1.0

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
3510	.	.	.	70.0	.	45.0	115.0	90.0	.	15.0	65.0	-10.0	.	.	.	140.0	.	.
3520	-2.0	-10.0	-2.0	60.0	.	72.0	2120.0	93.0	-20.0	36.0	410.0	-10.0	.	-1.0	.	90.0	.	-1.
3530	-2.0	25.0	13.0	80.0	.	68.0	2210.0	8.0	-20.0	14.0	1130.0	-10.0	.	1.0	.	130.0	.	1.0
3540	.	.	-2.0	30.0	.	84.0	2060.0	-5.0	.	4.0	1410.0	22.0	.	.	-1.0	118.0	.	.
3550	.	.	-2.0	30.0	.	71.0	1980.0	68.0	.	9.0	1010.0	26.0	.	.	-1.0	62.0	.	.
3560	.	.	-2.0	20.0	.	78.0	2010.0	-5.0	.	3.0	1350.0	-10.0	.	.	-1.0	110.0	.	.
3570	.	.	-2.0	40.0	.	85.0	2760.0	99.0	.	6.0	1150.0	-10.0	.	.	-1.0	82.0	.	.
3580	.	.	-2.0	20.0	.	83.0	2020.0	25.0	.	-3.0	1390.0	-10.0	.	.	-1.0	56.0	.	.
3590	.	.	-2.0	20.0	.	99.0	2090.0	65.0	.	9.0	1100.0	-10.0	.	.	-1.0	65.0	.	.
3600	.	.	-2.0	20.0	.	94.0	2050.0	39.0	.	-3.0	1600.0	-10.0	.	.	-1.0	82.0	.	.
3610	.	.	.	.	.	126.0	2370.0	.	.	.	1020.0	.	.	.	.	.	.	.
3620	.	.	.	50.0	.	79.0	1480.0	166.0	.	40.0	980.0	-10.0	.	.	.	210.0	.	.
3630	-2.0	.	.	100.0	.	55.0	970.0	96.0	.	39.0	470.0	-10.0	.	.	.	210.0	.	.
3640	.	.	.	40.0	.	63.0	1740.0	68.0	.	16.0	460.0	-10.0	.	.	.	78.0	1.0	.
3650	.	.	.	40.0	.	61.0	1200.0	70.0	.	6.0	260.0	-10.0	.	.	.	120.0	1.0	.
3660	.	.	.	60.0	.	86.0	2050.0	10.0	.	3.0	1250.0	17.0	.	.	.	88.0	.	.
3670	.	.	.	60.0	.	82.0	2880.0	58.0	.	7.0	1100.0	30.0	.	.	.	97.0	.	.
3680	.	.	.	40.0	.	88.0	2500.0	44.0	.	6.0	1500.0	13.0	.	.	.	86.0	.	.
3690	.	.	.	30.0	.	78.0	2950.0	40.0	.	14.0	1010.0	22.0	.	.	.	72.0	.	.
3700	.	.	.	40.0	.	82.0	2700.0	52.0	.	6.0	1320.0	30.0	.	.	.	54.0	.	.
3710	.	.	.	40.0	.	82.0	2710.0	52.0	.	7.0	1340.0	28.0	.	.	.	54.0	.	.
3720	.	20.0	-2.0	30.0	.	98.0	3020.0	52.0	.	6.0	1230.0	38.0	.	.	.	760.0	.	.
3730	.	50.0	9.0	80.0	.	90.0	2210.0	11.0	.	20.0	810.0	310.0	.	.	.	160.0	.	.
3740	-2.0	9999.0	14.0	370.0	.	78.0	2690.0	33.0	.	6.0	810.0	-10.0	.	.	.	66.0	.	-1.0
3750	-2.0	2100.0	13.0	70.0	.	50.0	1030.0	56.0	.	32.0	265.0	-10.0	.	.	.	46.0	.	-1.0
3760	-2.0	7300.0	4.0	150.0	.	67.0	1960.0	36.0	.	9.0	640.0	-10.0	.	.	.	57.0	.	-1.
3770	.	140.0	2.0	30.0	.	125.0	1490.0	86.0	.	4.0	1550.0	16.0	.	.	.	42.0	.	.
3780	.	-10.0	8.0	60.0	.	50.0	2460.0	71.0	.	7.0	280.0	14.0	.	.	.	56.0	.	.
3790	-1.0	.	.	100.0	.	75.0	1720.0	140.0	.	9.0	580.0	15.0	.	.	.	90.0	-1.0	-1.
3800	.	10.0	16.0	20.0	.	72.0	2800.0	14.0	.	36.0	620.0	118.0	.	.	.	112.0	.	.
3810	.	.	-100.0	.	.	.	2020.0	.	.	.	1380.0	.	.	.	.	.	.	.
3820	.	.	-100.0	.	.	.	2300.0	.	.	.	1200.0	.	.	.	.	.	.	.
3830	.	.	1000.0	.	.	.	2080.0	.	.	.	1520.0	.	1000.0	.	.	.	.	.
3840	.	.	-100.0	.	.	.	2460.0	.	.	.	1360.0	.	.	.	.	.	.	.
3850	.	.	-100.0	.	.	.	1840.0	.	.	.	8000.0	.	.	.	.	.	.	.
3860	.	.	-100.0	.	.	.	1080.0	.	.	.	1300.0	.	.	.	.	.	.	.
3870	.	.	-100.0	.	.	.	2060.0	.	.	.	1440.0	.	.	.	.	.	.	.
3880	.	.	-100.0	.	.	.	2440.0	.	.	.	1200.0	.	.	.	.	.	.	.
3890	.	.	-100.0	.	.	.	1780.0	.	.	.	1240.0	.	.	.	.	.	.	.
3900	.	.	-100.0	.	.	.	1700.0	.	.	.	8400.0	.	.	.	.	.	.	.
3910	.	.	170.0	.	.	.	1320.0	.	.	.	660.0	.	.	.	.	.	.	.
3920	.	.	.	.	.	.	1440.0	.	.	.	1480.0	.	.	.	.	.	.	.
3930	.	.	.	.	.	.	2000.0	.	.	.	1420.0	.	.	.	.	.	.	.
3940	.	.	.	.	.	.	1120.0	.	.	.	320.0	.	.	.	.	.	.	.
3950	.	.	.	.	.	.	2040.0	.	.	.	400.0	.	.	.	.	.	.	.
3960	.	.	.	.	.	.	2480.0	.	.	.	680.0	.	.	.	.	.	.	.
3970	.	.	.	.	.	.	1440.0	.	.	.	1980.0	.	.	.	.	.	.	.
3980	.	.	.	.	.	.	1480.0	.	.	.	1720.0	.	.	.	.	.	.	.
3990	.	.	.	.	.	.	1040.0	.	.	.	1060.0	.	.	.	.	.	.	.
4000	.	.	.	.	.	.	1960.0	.	.	.	1200.0	.	.	.	.	.	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
4010	.	.	.	.	.	.	2180.0	.	.	.	1340.0	.	.	.	.	.	.	.
4020	.	.	.	.	.	.	2280.0	.	.	.	1280.0	.	.	.	.	.	.	.
4030	.	.	.	.	.	.	2000.0	.	.	.	1500.0	.	.	.	.	.	.	.
4040	.	.	.	.	.	.	2120.0	.	.	.	1660.0	.	.	.	.	.	.	.
4050	.	.	.	.	.	.	1800.0	.	.	.	1340.0	.	.	.	.	.	.	.
4060	.	.	-100.0	.	.	.	1880.0	.	.	.	1040.0	.	.	.	.	.	.	.
4070	.	.	-10.0	.	.	.	1168.0	.	.	.	54.0	.	.	.	.	.	.	.
4080	.	.	-10.0	.	.	.	1500.0	.	.	.	500.0	.	.	.	.	.	.	.
4090	.	.	.	.	.	.	1800.0	.	.	.	1580.0	.	.	.	.	.	.	.
4100	.	.	.	.	.	.	1260.0	.	.	.	1160.0	.	.	.	.	.	.	.
4110	.	.	.	.	.	.	1860.0	.	.	.	800.0	.	.	.	.	.	.	.
4120	.	.	.	.	.	.	2580.0	.	.	.	1500.0	.	.	.	.	.	.	.
4130	.	.	.	.	.	.	2240.0	.	.	.	980.0	.	.	.	.	.	.	.
4140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4180	.	.	.	.	.	.	700.0	.	.	.	1680.0	.	.	.	.	.	.	.
4190	.	.	.	.	.	.	2060.0	.	.	.	1200.0	.	.	.	.	.	.	.
4200	.	.	.	.	.	.	1660.0	.	.	.	1720.0	.	.	.	.	.	.	.
4210	.	.	.	.	.	.	2020.0	.	.	.	860.0	.	.	.	.	.	.	.
4220	.	.	.	.	.	.	1580.0	.	.	.	1580.0	.	.	.	.	.	.	.
4230	.	.	.	.	.	.	2300.0	.	.	.	1380.0	.	.	.	.	.	.	.
4240	.	.	.	.	.	.	1540.0	.	.	.	1520.0	.	.	.	.	.	.	.
4250	.	.	.	.	.	.	1900.0	.	.	.	1260.0	.	.	.	.	.	.	.
4260	.	.	.	.	.	.	1860.0	.	.	.	1280.0	.	.	.	.	.	.	.
4270	.	.	.	.	.	.	2540.0	.	.	.	1700.0	.	.	.	.	.	.	.
4280	.	.	.	.	.	.	1380.0	.	.	.	1360.0	.	.	.	.	.	.	.
4290	.	.	.	.	.	.	1600.0	.	.	.	1360.0	.	.	.	.	.	.	.
4300	.	.	.	.	.	.	960.0	.	.	.	1520.0	.	.	.	.	.	.	.
4310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4320	.	1600.0	650.0	1300.0	.	75.0	2960.0	20.0	.	45.0	1180.0	-10.0	.	.	-1.0	70.0	-1.0	.
4330	.	2000.0	10.0	240.0	.	65.0	1680.0	15.0	.	5.0	930.0	-10.0	.	.	-1.0	40.0	-1.0	.
4340	.	.	110.0	153.0	.	45.0	1240.0	240.0	.	12.0	260.0	22.0	.	.	.	95.0	.	.
4350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4360	.	.	.	.	.	.	2320.0	.	.	.	1240.0	.	.	.	.	.	.	.
4370	.	.	.	.	.	.	1840.0	.	.	.	1300.0	.	.	.	.	.	.	.
4380	.	.	.	.	.	.	1460.0	.	.	.	1400.0	.	.	.	.	.	.	.
4390	.	.	.	.	.	.	1540.0	.	.	.	1200.0	.	.	.	.	.	.	.
4400	.	.	.	.	.	.	2300.0	.	.	.	1080.0	.	.	.	.	.	.	.
4410	.	.	.	.	.	.	1480.0	.	.	.	1120.0	.	.	.	.	.	.	.
4420	.	.	10.0	.	.	.	1700.0	44.0	.	.	560.0	.	.	.	.	82.0	.	.
4430	.	.	10.0	.	.	.	2300.0	28.0	.	.	1000.0	.	.	.	.	65.0	.	.
4440	.	.	10.0	.	.	.	1840.0	33.0	.	.	900.0	.	.	.	.	58.0	.	.
4450	.	.	10.0	.	.	.	1960.0	66.0	.	.	980.0	.	.	.	.	60.0	.	.
4460	.	.	-10.0	.	.	.	1860.0	38.0	.	.	1340.0	.	.	.	.	62.0	.	.
4470	.	.	.	.	.	.	1540.0	21.0	.	.	460.0	.	.	.	.	84.0	.	.
4480	.	.	.	.	.	.	660.0	6.0	.	.	286.0	.	.	.	.	77.0	.	.
4490	.	.	.	.	.	.	1460.0	38.0	.	.	440.0	.	.	.	.	76.0	.	.
4500	.	.	.	.	.	.	2000.0	59.0	.	.	860.0	.	.	.	.	54.0	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
4510	.	.	.	40.0	.	70.0	2260.0	-5.0	.	20.0	710.0	20.0	.	.	.	30.0	.	.
4520	.	.	4.0	60.0	.	91.0	1460.0	13.0	.	12.0	1310.0	29.0	.	.	.	42.0	.	-1
4530	.	.	-10.0	.	.	.	1340.0	25.0	.	.	1420.0	.	.	.	.	32.0	.	.
4540	.	.	-10.0	.	.	.	2600.0	130.0	.	.	1340.0	.	.	.	.	62.0	.	.
4550	.	.	-10.0	.	.	.	1440.0	116.0	.	.	740.0	.	.	.	.	90.0	.	.
4560	.	.	-10.0	.	.	.	1740.0	23.0	.	.	540.0	.	.	.	.	168.0	.	.
4570	.	.	-10.0	.	.	.	2300.0	84.0	.	.	1000.0	.	.	.	.	122.0	.	.
4580	.	.	-10.0	.	.	.	1960.0	31.0	.	.	1100.0	.	.	.	.	60.0	.	.
4590	.	.	20.0	.	.	.	2560.0	104.0	.	.	720.0	.	.	.	.	70.0	.	.
4600	.	.	-10.0	.	.	.	1680.0	20.0	.	.	560.0	.	.	.	.	59.0	.	.
4610	.	.	-10.0	.	.	.	2100.0	33.0	.	.	980.0	.	.	.	.	73.0	.	.
4620	.	.	-10.0	.	.	.	900.0	117.0	.	.	660.0	.	.	.	.	88.0	.	.
4630	.	.	.	110.0	.	83.0	1380.0	22.0	.	26.0	420.0	-10.0	.	.	.	118.0	-5.0	.
4640	.	.	.	40.0	.	109.0	2320.0	14.0	.	24.0	700.0	-10.0	.	.	.	95.0	-5.0	.
4650	.	.	-10.0	.	.	.	2620.0	113.0	.	.	1040.0	.	.	.	.	72.0	.	.
4660	.	.	-2.0	40.0	.	80.0	1600.0	50.0	.	6.0	920.0	-10.0	.	.	.	56.0	-10.0	.
4670	.	.	-2.0	180.0	.	60.0	1260.0	38.0	.	27.0	360.0	-10.0	.	.	.	55.0	-10.0	.
4680	.	.	2.0	1660.0	.	85.0	2200.0	98.0	.	24.0	1390.0	-10.0	.	.	.	54.0	-10.0	.
4690	.	.	2.0	80.0	.	85.0	1970.0	36.0	.	34.0	1030.0	21.0	.	.	.	53.0	-10.0	.
4700	.	.	30.0	10.0	.	90.0	1490.0	25.0	.	16.0	1650.0	13.0	.	.	.	90.0	-10.0	.
4710	.	.	-2.0	10.0	.	102.0	2020.0	121.0	.	38.0	1470.0	-10.0	.	.	.	134.0	-10.0	.
4720	.	.	-2.0	110.0	.	83.0	2720.0	70.0	.	4.0	935.0	-10.0	.	.	.	76.0	-10.0	.
4730	.	.	-2.0	80.0	.	80.0	1620.0	26.0	.	14.0	935.0	-10.0	.	.	.	56.0	-10.0	.
4740	.	.	-2.0	130.0	.	76.0	1440.0	50.0	.	16.0	1070.0	-10.0	.	.	.	50.0	-10.0	.
4750	.	.	-2.0	860.0	.	48.0	605.0	48.0	.	36.0	320.0	-10.0	.	.	.	57.0	-10.0	.
4760	.	.	-2.0	110.0	.	69.0	2240.0	36.0	.	10.0	1040.0	-10.0	.	.	.	96.0	-10.0	.
4770	.	.	-2.0	10.0	.	41.0	1190.0	21.0	.	10.0	560.0	-10.0	.	.	.	42.0	-10.0	.
4780	.	.	2.0	40.0	.	66.0	1720.0	46.0	.	34.0	605.0	-10.0	.	.	.	64.0	-10.0	.
4790	.	.	-2.0	100.0	.	84.0	2790.0	29.0	.	29.0	1170.0	-10.0	.	.	.	61.0	-10.0	.
4800	.	.	-2.0	130.0	.	83.0	2900.0	72.0	.	4.0	910.0	-10.0	.	.	.	83.0	-10.0	.
4810	.	.	-2.0	90.0	.	86.0	2900.0	31.0	.	26.0	1200.0	-10.0	.	.	.	66.0	-10.0	.
4820	.	.	-2.0	400.0	.	39.0	695.0	62.0	.	12.0	210.0	730.0	.	.	.	115.0	.	2.0
4830	.	-10.0	-3.0	40.0	.	79.0	2490.0	148.0	.	17.0	870.0	28.0	.	.	.	79.0	.	.
4840	.	-10.0	-3.0	40.0	.	76.0	2440.0	152.0	.	19.0	800.0	24.0	.	.	.	79.0	.	.
4850	.	600.0	-3.0	70.0	.	64.0	2020.0	26.0	.	34.0	1070.0	42.0	.	.	.	110.0	.	.
4860	.	520.0	-3.0	70.0	.	58.0	1900.0	16.0	.	31.0	860.0	61.0	.	.	.	72.0	.	.
4870	.	1680.0	-3.0	20.0	.	142.0	2380.0	58.0	.	6.0	560.0	-10.0	.	.	.	220.0	.	.
4880	.	170.0	-3.0	20.0	.	80.0	1960.0	46.0	.	14.0	200.0	-10.0	.	.	.	84.0	.	.
4890	.	880.0	-3.0	30.0	.	64.0	2030.0	20.0	.	19.0	1140.0	20.0	.	.	.	320.0	.	.
4900	.	-10.0	6.0	20.0	.	59.0	2050.0	8.0	.	36.0	680.0	39.0	.	.	.	300.0	.	.
4910	.	.	11.0	50.0	.	67.0	1990.0	36.0	.	12.0	1130.0	-10.0	.	.	.	51.0	.	.
4920	.	.	7.0	60.0	.	66.0	1750.0	88.0	.	78.0	960.0	14.0	.	.	.	94.0	.	.
4930	.	.	6.0	50.0	.	77.0	2370.0	74.0	.	22.0	1010.0	11.0	.	.	.	52.0	.	.
4940	.	.	12.0	50.0	.	81.0	2910.0	12.0	.	41.0	1180.0	-10.0	.	.	.	79.0	.	.
4950	.	.	11.0	40.0	.	76.0	2520.0	75.0	.	48.0	1060.0	-10.0	.	.	.	56.0	.	.
4960	.	.	7.0	110.0	.	68.0	1620.0	20.0	.	32.0	1270.0	-10.0	.	.	.	32.0	.	.
4970	.	.	10.0	280.0	.	101.0	2660.0	58.0	.	32.0	1280.0	13.0	.	.	.	46.0	.	.
4980	.	-10.0	-3.0	30.0	.	92.0	2550.0	8.0	.	14.0	1630.0	30.0	.	.	.	58.0	.	.
4990	.	.	-3.0	50.0	.	82.0	2840.0	44.0	.	22.0	1370.0	-10.0	.	.	.	66.0	.	.
5000	.	.	12.0	60.0	.	76.0	2040.0	44.0	.	35.0	810.0	-10.0	.	.	.	78.0	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
5010	.	.	-3.0	140.0	.	83.0	2560.0	52.0	.	24.0	1180.0	-10.0	.	.	.	49.0	.	.
5020	.	.	4.0	50.0	.	69.0	2480.0	23.0	.	38.0	1070.0	-10.0	.	.	.	71.0	.	.
5030	.	.	-3.0	40.0	.	90.0	3110.0	82.0	.	15.0	1120.0	-10.0	.	.	.	88.0	.	.
5040	.	.	5.0	130.0	.	95.0	1900.0	10.0	.	14.0	770.0	25.0	.	.	.	102.0	.	.
5050	.	.	-3.0	40.0	.	97.0	1670.0	10.0	.	32.0	1770.0	17.0	.	.	.	48.0	.	.
5060	.	.	-3.0	1500.0	.	59.0	1220.0	10.0	.	55.0	520.0	19.0	.	.	.	109.0	.	.
5070	.	.	-3.0	100.0	.	85.0	2530.0	63.0	.	14.0	1290.0	15.0	.	.	.	52.0	.	.
5080	.	.	-3.0	100.0	.	61.0	1650.0	44.0	.	16.0	1070.0	16.0	.	.	.	76.0	.	.
5090	.	.	6.0	510.0	.	87.0	3550.0	38.0	.	24.0	1330.0	-10.0	.	.	.	52.0	.	.
5100	.	.	15.0	80.0	.	88.0	2440.0	27.0	.	20.0	1420.0	10.0	.	.	.	55.0	.	.
5110	.	.	-3.0	510.0	.	61.0	2680.0	15.0	.	30.0	460.0	15.0	.	.	.	80.0	.	.
5120	.	.	-3.0	30.0	.	81.0	3060.0	24.0	.	13.0	1270.0	10.0	.	.	.	74.0	.	.
5130	.	.	-3.0	130.0	.	6.0	94.0	7.0	.	26.0	6.0	-10.0	.	.	.	72.0	.	.
5140	.	.	.	30.0	.	188.0	5200.0	70.0	.	-3.0	2300.0	-10.0	.	.	.	42.0	-5.0	.
5150	.	.	.	30.0	.	240.0	4800.0	208.0	.	-3.0	2120.0	-10.0	.	.	.	51.0	-5.0	.
5160	.	.	.	40.0	.	240.0	4160.0	70.0	.	-3.0	1950.0	-10.0	.	.	.	55.0	-5.0	.
5170	.	.	.	60.0	.	230.0	2680.0	94.0	.	-3.0	1360.0	-10.0	.	.	.	82.0	-5.0	.
5180	.	.	.	810.0	.	90.0	214.0	197.0	.	4.0	210.0	-10.0	.	.	.	109.0	-5.0	.
5190	.	.	.	30.0	.	168.0	840.0	230.0	.	5.0	1220.0	-10.0	.	.	.	170.0	-5.0	.
5200	.	.	.	180.0	.	108.0	640.0	390.0	.	12.0	380.0	-10.0	.	.	.	148.0	-5.0	.
5210	.	.	-2.0	110.0	.	70.0	900.0	58.0	.	30.0	660.0	-10.0	.	.	.	88.0	.	.
5220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5230	.	.	.	80.0	.	69.0	49.0	10.0	.	8.0	230.0	-10.0	.	.	.	152.0	.	.
5240	.	.	.	40.0	.	92.0	1700.0	18.0	.	-3.0	1220.0	-10.0	.	.	.	56.0	.	.
5250	.	.	.	30.0	.	90.0	2000.0	20.0	.	-3.0	1040.0	-10.0	.	.	.	53.0	.	.
5260	.	.	.	30.0	.	88.0	1130.0	18.0	.	-3.0	1200.0	-10.0	.	.	.	48.0	.	.
5270	.	.	.	20.0	.	88.0	980.0	32.0	.	-3.0	1290.0	-10.0	.	.	.	42.0	.	.
5280	.	.	.	60.0	.	94.0	1600.0	12.0	.	-3.0	1230.0	-10.0	.	.	.	48.0	.	.
5290	.	.	.	40.0	.	81.0	1770.0	18.0	.	-3.0	1050.0	-10.0	.	.	.	63.0	.	.
5300	.	.	.	40.0	.	98.0	1350.0	10.0	.	-3.0	1620.0	-10.0	.	.	.	51.0	.	.
5310	.	.	.	30.0	.	82.0	1950.0	14.0	.	-3.0	1110.0	-10.0	.	.	.	52.0	.	.
5320	.	.	.	40.0	.	83.0	1640.0	15.0	.	10.0	1060.0	-10.0	.	.	.	52.0	.	.
5330	.	.	.	40.0	.	75.0	1630.0	46.0	.	14.0	700.0	24.0	.	.	.	68.0	.	1.0
5340	.	.	.	10.0	.	101.0	920.0	29.0	.	7.0	1620.0	-10.0	.	.	.	46.0	.	1.0
5350	.	.	.	50.0	.	57.0	1940.0	22.0	.	-3.0	520.0	-10.0	.	.	.	134.0	.	-1.0
5360	.	.	.	40.0	.	57.0	960.0	74.0	.	27.0	490.0	-10.0	.	.	.	70.0	.	.
5370	.	.	.	30.0	.	60.0	1620.0	45.0	.	5.0	330.0	-10.0	.	.	.	60.0	.	.
5380	.	.	.	40.0	.	90.0	2540.0	60.0	.	6.0	830.0	-10.0	.	.	.	60.0	.	.
5390	.	.	.	30.0	.	60.0	3940.0	75.0	.	15.0	490.0	-10.0	.	.	.	50.0	.	.
5400	.	.	.	30.0	.	65.0	3450.0	70.0	.	10.0	500.0	-10.0	.	.	.	50.0	.	.
5410	.	.	.	60.0	.	55.0	1370.0	30.0	.	10.0	520.0	-10.0	.	.	.	90.0	.	.
5420	.	-1.0	.	40.0	.	65.0	2000.0	50.0	.	20.0	500.0	-10.0	.	.	.	70.0	.	.
5430	.	15.0	.	30.0	.	105.0	3800.0	50.0	.	3.0	1300.0	-10.0	.	.	.	75.0	.	.
5440	.	1.0	.	40.0	.	50.0	1780.0	8.0	.	8.0	265.0	-10.0	.	.	.	60.0	.	.
5450	.	45.0	.	20.0	.	105.0	1350.0	55.0	.	4.0	2020.0	-10.0	.	.	.	40.0	.	.
5460	.	110.0	7.0	150.0	-1.0	81.0	2340.0	74.0	-20.0	18.0	880.0	-10.0	.	2.0	-1.0	78.0	-10.0	.
5470	.	320.0	6.0	40.0	-1.0	141.0	2540.0	29.0	-20.0	13.0	2200.0	-10.0	.	106.0	-1.0	43.0	.	.
5480	.	4.0	2.0	70.0	.	63.0	1500.0	30.0	.	8.0	360.0	-10.0	.	11.0	.	70.0	.	.
5490	2.0	-50.0	.	-150.0	.	80.0	3000.0	10.0	.	-20.0	1300.0	100.0	.	4.0	.	80.0	-10.0	-3.0
5500	-1.0	-50.0	.	-150.0	.	60.0	2000.0	6.0	.	-20.0	1600.0	10.0	.	6.0	.	90.0	-10.0	-3.0

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	BE
5510	-1.0	-50.0	.	-150.0	.	90.0	3000.0	90.0	.	-20.0	1000.0	-10.0	.	10.0	.	80.0	-10.0	-3.
5520	-1.0	-30.0	.	-150.0	.	85.0	3500.0	10.0	.	-3.0	1740.0	-10.0	.	-1.0	.	85.0	-10.0	-3.
5530	.	.	.	160.0	.	65.0	1260.0	510.0	.	6.0	1140.0	30.0	.	.	.	30.0	.	.
5540	-1.0	20.0	-10.0	40.0	.	75.0	2460.0	25.0	.	-3.0	1180.0	45.0	.	.	.	60.0	-1.0	-1.
5550	-1.0	20.0	-10.0	40.0	.	75.0	2440.0	25.0	.	-3.0	1160.0	40.0	.	.	.	60.0	-1.0	-1.
5560	-1.0	10.0	-10.0	20.0	.	85.0	1120.0	20.0	.	6.0	1440.0	-10.0	.	.	.	60.0	-1.0	-1.
5570	-3.0	30.0	-10.0	50.0	.	95.0	2380.0	55.0	.	20.0	1440.0	-10.0	.	.	.	45.0	-1.0	-1.0
5580	-3.0	10.0	-10.0	40.0	.	85.0	2050.0	25.0	.	15.0	1610.0	-10.0	.	.	.	45.0	-1.0	-1.
5590	-1.0	150.0	-10.0	30.0	.	65.0	1490.0	80.0	.	35.0	480.0	-10.0	.	.	.	85.0	1.0	1.
5600	-1.0	650.0	-10.0	30.0	.	75.0	2350.0	10.0	.	10.0	970.0	-10.0	.	.	.	130.0	1.0	1.0
5610	-1.0	70.0	.	320.0	.	45.0	2200.0	20.0	.	20.0	860.0	115.0	.	.	.	50.0	-1.0	4.0
5620	-1.0	10.0	-10.0	40.0	.	85.0	2880.0	40.0	.	55.0	1080.0	20.0	.	.	.	70.0	-1.0	-1.
5630	-1.0	-10.0	-10.0	40.0	.	90.0	1760.0	60.0	.	20.0	1400.0	10.0	.	.	.	60.0	-1.0	.
5640	-1.0	-10.0	-10.0	1700.0	.	40.0	365.0	10.0	.	15.0	395.0	35.0	.	.	.	100.0	-1.0	.
5650	-1.0	150.0	-10.0	70.0	.	80.0	2220.0	45.0	.	8.0	1300.0	10.0	.	.	.	40.0	-1.0	.
5660	-1.0	150.0	-10.0	30.0	.	105.0	1400.0	60.0	.	15.0	720.0	-10.0	.	.	.	90.0	-1.0	-1.
5670	-1.0	-10.0	-10.0	30.0	.	90.0	2440.0	20.0	.	-3.0	1170.0	-10.0	.	.	.	60.0	-1.0	.
5680	.	.	.	20.0	.	75.0	2.5	45.0	.	40.0	1000.0	-10.0	.	.	.	60.0	.	.
5690	.	.	.	60.0	.	55.0	1620.0	10.0	.	20.0	860.0	10.0	.	.	.	65.0	.	.
5700	-3.0	30.0	-10.0	40.0	.	90.0	3140.0	35.0	.	10.0	1040.0	15.0	.	.	.	90.0	.	.
5710	-3.0	4200.0	-10.0	170.0	.	95.0	2670.0	40.0	.	10.0	1360.0	-10.0	.	.	.	45.0	.	.
5720	.	62.0	.	20.0	.	80.0	2240.0	18.0	.	11.0	1250.0	13.0	.	.	.	100.0	.	.
5730	.	1850.0	.	30.0	.	100.0	3140.0	8.0	.	35.0	1020.0	-10.0	.	.	.	94.0	.	.
5740	.	10.0	.	40.0	.	74.0	2870.0	20.0	.	15.0	680.0	18.0	.	.	.	68.0	.	.
5750	.	2.0	.	40.0	.	65.0	1780.0	53.0	.	18.0	430.0	57.0	.	.	.	64.0	.	.
5760	.	-1.0	.	40.0	.	88.0	3060.0	14.0	.	13.0	1280.0	-10.0	.	.	.	60.0	.	.
5770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5810	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5820	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5830	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5970	.	.	.	36.0	.	66.0	1400.0	236.0	.	13.0	399.0	.	2.0	.	.	64.0	.	.
5980	.	.	.	.	.	89.0	3330.0	51.0	.	3.0	1210.0	.	.	.	1.0	67.0	.	.
5990	.	.	.	4.0	.	85.0	4250.0	25.0	.	5.0	1148.0	.	.	.	.	56.0	.	.
6000	.	.	.	29.0	.	88.0	4170.0	21.0	.	4.0	1163.0	.	.	.	.	64.0	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
6010	.	.	.	7.0	.	89.0	5720.0	35.0	.	3.0	1440.0	.	.	.	.	54.0	.	.
6020	.	.	.	13.0	.	64.0	1450.0	43.0	.	13.0	345.0	.	19.0	.	.	86.0	.	.
6030	.	.	.	37.0	.	118.0	4280.0	17.0	.	2.0	2214.0	3.0	.	.	.	48.0	.	.
6040	.	.	.	14.0	.	.	676.0	62.0	.	6.0	171.0	.	.	.	.	70.0	.	.
6050	.	.	.	14.0	.	73.0	1930.0	63.0	.	7.0	320.0	.	2.0	.	.	96.0	.	.
6060	.	.	.	10.0	.	71.0	1930.0	30.0	.	9.0	351.0	2.0	2.0	.	.	100.0	.	.
6070	.	.	.	99.0	.	40.0	1730.0	8.0	.	52.0	188.0	.	23.0	.	.	47.0	.	.
6080	.	.	.	96.0	.	47.0	1760.0	96.0	.	9.0	185.0	.	19.0	.	.	56.0	.	.
6090	.	.	.	9.0	.	107.0	4780.0	58.0	.	3.0	1480.0	.	.	.	.	58.0	.	.
6100	.	.	.	16.0	.	61.0	2640.0	23.0	.	2.0	1030.0	.	.	.	.	45.0	.	.
6110	.	.	.	53.0	.	127.0	5650.0	20.0	.	3.0	2093.0	.	.	.	.	66.0	.	.
6120	.	.	.	17.0	.	90.0	4100.0	62.0	.	3.0	1450.0	.	.	.	.	69.0	.	.
6130	.	.	.	28.0	.	124.0	352.0	59.0	.	4.0	2061.0	.	.	.	.	79.0	.	.
6140	.	.	.	51.0	.	43.0	2320.0	72.0	.	7.0	145.0	.	4.0	.	1.0	61.0	.	.
6150	.	.	.	147.0	.	47.0	1340.0	63.0	.	7.0	178.0	.	.	.	.	59.0	.	.
6160	.	.	.	134.0	.	49.0	1340.0	84.0	.	7.0	173.0	.	.	.	.	64.0	.	.
6170	.	.	.	117.0	.	46.0	1710.0	52.0	.	6.0	176.0	.	.	.	.	58.0	.	.
6180	.	.	.	112.0	.	.	1730.0	64.0	.	9.0	203.0	.	3.0	.	.	116.0	.	.
6190	.	.	.	36.0	.	.	812.0	138.0	.	9.0	193.0	.	4.0	.	4.0	92.0	.	.
6200	.	.	.	5.0	.	84.0	2330.0	69.0	.	9.0	736.0	.	.	.	.	60.0	.	.
6210	.	.	.	24.0	.	60.0	1430.0	58.0	.	19.0	354.0	.	.	.	.	59.0	.	.
6220	.	.	.	.	.	.	899.0	104.0	.	7.0	673.0	.	3.0	.	.	86.0	.	.
6230	.	.	.	5.0	.	.	849.0	164.0	.	15.0	270.0	.	.	.	.	78.0	.	.
6240	.	.	.	.	.	.	78.0	114.0	.	12.0	194.0	.	.	.	.	74.0	.	.
6250	.	.	.	6.0	.	.	1518.0	77.0	.	7.0	291.0	.	.	.	.	76.0	.	.
6260	.	.	.	.	.	.	951.0	16.0	.	1.0	1770.0	.	.	.	.	27.0	.	.
6270	.	.	.	.	.	.	1630.0	7.0	.	3.0	1396.0	.	.	.	.	39.0	.	.
6280	.	.	.	.	.	.	1285.0	39.0	.	4.0	1275.0	.	.	.	.	37.0	.	.
6290	.	.	.	.	.	.	1176.0	5.0	.	6.0	1411.0	.	.	.	.	31.0	.	.
6300	.	.	.	.	.	.	1570.0	4.0	.	5.0	1325.0	.	.	.	.	34.0	.	.
6310	.	.	.	7.0	.	.	1248.0	20.0	.	5.0	305.0	.	6.0	.	2.0	65.0	.	.
6320	.	.	.	8.0	.	.	1183.0	65.0	.	7.0	308.0	.	3.0	.	.	70.0	.	.
6330	.	.	.	6.0	.	.	893.0	9.0	.	4.0	136.0	.	.	.	.	38.0	.	.
6340	.	.	.	.	.	.	1507.0	34.0	.	3.0	192.0	.	.	.	.	50.0	.	.
6350	.	.	.	367.0	.	.	563.0	183.0	.	6.0	157.0	.	11.0	.	.	74.0	.	.
6360	.	.	.	486.0	.	.	1060.0	18.0	.	11.0	182.0	.	27.0	.	.	57.0	.	.
6370	.	.	.	22.0	.	.	1504.0	260.0	.	10.0	355.0	.	.	.	.	76.0	.	.
6380	.	.	.	.	.	108.6	3271.6	.	.	.	979.7	.	2.3	.	.	80.0	.	.
6390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6400	.	.	.	.	.	122.0	3080.2	.	.	.	1469.6	.	2.6	.	.	101.5	.	.
6410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6420	.	.	.	.	.	104.9	2284.9	.	.	.	.	.	1.5	.	.	.	.	.
6430	.	.	.	.	.	123.3	3252.7	.	.	.	1177.6	.	1.5	.	.	.	.	.
6440	.	.	.	.	.	102.6	1460.2	.	.	.	2180.7	.	4.1	.	.	.	.	.
6450	.	.	.	.	.	118.3	1762.6	.	.	.	2290.4	.	2.9	.	.	54.0	.	.
6460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO
6510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	63.2	.
6580	.	.	.	.	.	113.0	2280.4	.	.	.	1847.3	.	4.6	.	.	.	.
6590	.	.	.	.	.	112.8	2017.8	.	.	.	1615.4	.	1.5	.	.	73.1	.
6600	.	.	.	.	.	117.8	2263.1	.	.	.	1706.2	.	6.8	.	.	.	.
6610	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	80.6	.
6630	.	.	.	.	.	92.9	2008.7	.	.	.	986.4	.	5.0	.	.	.	.
6640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6680	.	.	.	.	.	115.1	3664.5	.	.	.	1909.6	.	0.4	.	.	.	.
6690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6710	.	.	.	.	.	128.6	4336.0	.	.	.	2314.1	.	2.1	.	.	90.5	.
6720	.	.	.	.	.	112.5	2955.6	.	.	.	993.0	.	2.2	.	.	.	.
6730	.	.	.	.	.	80.5	1025.6	.	.	.	361.8	.	0.8	.	.	.	.
6740	.	.	.	.	.	201.2	1248.3	.	.	.	415.2	.	1.6	.	.	.	.
6750	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6760	.	.	.	.	.	72.5	753.6	.	.	.	198.4	.	5.4	.	.	81.6	.
6770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6800	.	.	.	.	.	.	.	.	.	.	1298.5	.	.	.	.	.	.
6810	.	.	.	.	.	219.1	2102.1	.	.	.	1322.0	.	6.2	.	.	.	.
6820	.	.	.	7.0	.	.	.	.	.	.	200.0	.	4.5	.	.	.	.
6830	.	.	.	6.0	.	.	2944.0	.	.	.	200.0	.	4.5	.	.	.	.
6840	.	.	.	6.0	.	.	2944.0	.	.	.	200.0	.	4.5	.	.	.	.
6850	.	.	.	6.0	.	.	2944.0	.	.	.	200.0	.	4.5	.	.	.	.
6860	.	.	.	6.0	.	.	2944.0	.	.	.	200.0	.	.	.	.	.	.
6870	.	.	.	.	.	.	2900.0	.	.	.	1220.0	.	.	.	.	.	.
6880	.	.	.	8.0	.	.	3210.0	.	.	.	909.0	.	2.3	.	.	.	.
6890	.	.	.	.	.	.	2806.0	.	.	.	808.0	.	.	.	.	.	.
6900	.	.	.	10.0	.	.	2285.0	.	.	.	1199.0	.	0.9	.	.	.	.
6910	.	.	.	.	.	.	2585.0	.	.	.	1230.0	.	.	.	.	.	.
6920	.	.	.	.	.	.	1750.0	.	.	.	765.0	.	.	.	.	.	.
6930	.	.	.	13.0	.	.	3000.0	.	.	.	758.0	.	2.5	.	.	.	.
6940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6980	.	.	.	.	.	.	1732.0	.	.	.	269.0	.	.	.	.	.	.
6990	.	.	.	.	.	.	875.0	.	.	.	490.0	.	.	.	.	.	.
7000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
7010	.	.	.	11.0	.	.	2058.0	.	.	.	.	.	2.0	.	0.8	.	.	.
7020	.	.	.	9.0	.	.	1902.0	.	.	.	487.0	.	3.0	.	.	.	.	.
7030	.	.	.	13.0	.	.	3000.0	.	.	.	758.0	.	2.5	.	.	.	.	.
7040	.	.	.	38.0	.	.	606.0	.	.	.	172.0	.	3.0	.	.	.	.	.
7050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7090	.	.	.	8.4	.	109.0	2531.5	58.0	.	.	1145.0	.	1.2	.	.	79.0	.	.
7100	.	.	.	-2.0	.	119.0	2736.8	78.0	.	.	1305.0	.	0.5	.	.	79.0	.	.
7110	.	.	.	5.2	.	130.0	3694.7	145.0	.	.	1499.0	.	2.7	.	.	64.0	.	.
7120	.	.	.	11.8	.	123.0	2873.6	198.0	.	.	1426.0	.	-1.0	.	.	78.0	.	.
7130	.	.	.	7.5	.	120.0	2668.4	63.0	.	.	1375.0	.	0.7	.	.	74.0	.	.
7140	.	.	.	2.9	.	123.0	2257.9	22.6	.	.	1696.0	.	1.0	.	.	78.0	.	.
7150	.	.	.	9.0	.	137.0	4584.1	30.7	.	.	1579.0	.	0.7	.	.	62.0	.	.
7160	.	.	.	2.7	.	127.0	2394.7	2.5	.	.	1833.0	.	-2.0	.	.	-1.0	.	.
7170	.	.	.	-2.0	.	136.0	3352.6	-1.0	.	.	2001.0	.	0.6	.	.	67.0	.	.
7180	.	.	.	35.8	.	159.0	4378.9	36.0	.	.	1745.0	.	1.0	.	.	80.0	.	.
7190	.	.	.	15.4	.	117.0	2463.1	35.0	.	.	1759.0	.	0.6	.	.	76.0	.	.
7200	.	.	.	14.9	.	121.0	4036.8	14.5	.	.	1648.0	.	2.7	.	.	52.0	.	.
7210	.	.	.	-2.0	.	124.0	1436.8	21.4	.	.	2300.0	.	-0.3	.	.	62.0	.	.
7220	.	.	.	3.0	.	124.0	2052.6	-2.0	.	.	2514.0	.	0.8	.	.	57.0	.	.
7230	.	.	.	14.3	.	125.0	2942.1	32.9	.	.	2071.0	.	4.1	.	.	59.0	.	.
7240	.	.	.	8.5	.	138.0	3763.1	51.0	.	.	2664.0	.	4.7	.	.	57.0	.	.
7250	.	.	.	5.1	.	151.0	4857.8	32.8	.	.	2617.0	.	3.3	.	.	46.4	.	.
7260	.	.	.	4.6	.	135.0	3215.7	46.8	.	.	2704.0	.	3.5	.	.	51.0	.	.
7270	.	.	.	-2.0	.	118.0	2394.7	13.5	.	.	2143.0	.	2.9	.	.	44.0	.	.
7280	.	.	.	-2.0	.	136.0	2942.1	24.7	.	.	2174.0	.	2.9	.	.	62.0	.	.
7290	.	.	.	.	.	.	.	40.0	.	.	880.0	17.0	.	.	.	87.0	.	.
7300	.	.	.	.	.	.	.	153.0	.	.	670.0	13.0	.	.	.	83.0	.	.
7310	.	.	.	.	.	.	.	26.0	.	.	2640.0	13.0	.	.	.	47.0	.	.
7320	.	.	.	.	.	.	.	25.0	.	.	2160.0	12.0	.	.	.	46.0	.	.
7330	.	.	.	-20.0	.	.	2028.0	50.0	.	.	600.0	.	4.0	.	.	60.0	.	.
7340	.	.	.	-20.0	.	.	2270.0	88.0	.	.	700.0	.	4.0	.	.	70.0	.	.
7350	.	.	.	79.0	.	.	1535.0	71.0	.	.	450.0	.	2.0	.	.	125.0	.	.
7360	.	.	.	158.0	.	.	2093.0	22.0	.	.	540.0	.	5.0	.	.	62.0	.	.
7370	.	.	.	384.0	.	.	2427.0	48.0	.	.	990.0	.	2.0	.	.	72.0	.	.
7380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7460	.	.	.	.	.	.	3000.0	.	.	.	3000.0	.	.	.	.	.	.	.
7470	.	.	.	.	.	.	4000.0	.	.	.	3000.0	.	.	.	.	.	.	.
7480	.	.	.	.	.	.	4000.0	.	.	.	3000.0	.	.	.	.	.	.	.
7490	.	.	.	.	.	.	3000.0	.	.	.	3000.0	.	.	.	.	.	.	.
7500	.	.	.	.	.	.	3500.0	.	.	.	.	.	.	.	.	.	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
7510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7610	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	77.0	.	.
7720	.	.	.	.	.	114.0	.	5.0	.	.	2583.0	.	.	.	.	68.0	.	.
7730	.	.	.	.	.	128.0	.	5.0	.	.	2410.0	.	.	.	.	77.0	.	.
7740	.	.	.	.	.	129.0	.	6.0	.	.	1997.0	.	.	.	.	92.0	.	.
7750	.	.	.	.	.	123.0	.	36.0	.	.	1872.0	.	.	.	.	104.0	.	.
7760	.	.	.	.	.	134.0	.	35.0	.	.	2130.0	.	.	.	.	85.0	.	.
7770	.	.	.	.	.	148.0	.	25.0	.	.	1982.0	.	.	.	.	73.0	.	.
7780	.	.	.	.	.	150.0	.	24.0	.	.	2756.0	.	.	.	.	96.0	.	.
7790	.	.	.	.	.	136.0	.	40.0	.	.	2286.0	.	.	.	.	.	.	.
7800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	109.0	.	.
7810	.	.	.	.	.	111.0	.	80.0	.	.	1364.0	.	.	.	.	118.0	.	.
7820	.	.	.	.	.	114.0	.	9.0	.	.	894.0	.	.	.	.	106.0	.	.
7830	.	.	.	.	.	112.0	.	12.0	.	.	1305.0	.	.	.	.	114.0	.	.
7840	.	.	.	.	.	125.0	.	31.0	.	.	1073.0	.	.	.	.	92.0	.	.
7850	.	.	.	.	.	91.0	.	6.0	.	.	807.0	.	.	.	.	84.0	.	.
7860	.	.	.	.	.	109.0	.	19.0	.	.	1387.0	.	.	.	.	121.0	.	.
7870	.	.	.	.	.	108.0	.	30.0	.	.	581.0	.	.	.	.	.	.	.
7880	.	.	.	.	.	.	1129.0	.	.	.	707.0	.	.	.	.	.	.	.
7890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7900	.	.	.	.	.	.	1129.0	.	.	.	1419.0	.	.	.	.	.	.	.
7910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7920	.	.	.	.	.	.	.	.	.	.	.	.	.	2.1	.	.	.	.
7930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7940	.	.	.	.	.	.	.	.	.	.	.	.	.	1.4	.	.	.	.
7950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
8010	.	.	.	.	.	.	2053.0	.	.	.	471.0	.	.	.	.	.	.	.
8020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8040	.	.	.	.	.	.	2805.0	.	.	.	943.0	.	.	.	.	.	.	.
8050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8060	.	.	.	.	.	93.0	2988.0	85.0	.	.	1160.0	.	7.0	.	.	72.0	.	.
8070	.	.	.	.	.	58.0	1087.0	75.0	.	.	212.0	.	2.0	.	.	70.0	.	.
8080	.	.	.	.	.	55.0	770.0	52.0	.	.	150.0	.	18.0	.	.	78.0	.	.
8090	.	.	.	.	.	55.0	976.0	80.0	.	.	185.0	.	2.0	.	.	75.0	.	.
8100	.	.	.	.	.	93.0	2988.0	85.0	.	.	1160.0	.	7.0	.	.	72.0	.	.
8110	.	.	.	.	.	58.0	1087.0	75.0	.	.	212.0	.	2.0	.	.	70.0	.	.
8120	.	.	.	.	.	55.0	770.0	52.0	.	.	150.0	.	18.0	.	.	78.0	.	.
8130	.	.	.	.	.	55.0	976.0	80.0	.	.	185.0	.	2.0	.	.	75.0	.	.
8140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8440	.	.	.	.	.	.	.	.	.	.	1964.0	.	.	.	.	.	.	.
8450	.	.	.	.	.	.	1915.0	.	.	.	707.0	.	1.7	.	.	.	.	.
8460	.	.	.	.	.	.	2189.0	.	.	.	1729.0	.	.	.	.	.	.	.
8470	.	.	.	.	.	.	2189.0	.	.	.	1414.0	.	.	.	.	.	.	.
8480	.	.	.	.	.	.	2600.0	.	.	.	1729.0	.	.	.	.	.	.	.
8490	.	.	.	.	.	.	2053.0	.	.	.	1179.0	.	0.3	.	.	.	.	.
8500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 18
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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO
8510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	92.0	.
8590	.	.	.	3.8	.	121.0	2326.3	92.0	.	.	1493.0	.	1.8	.	.	81.0	.
8600	.	.	.	5.3	.	125.0	2326.3	62.0	.	.	1493.0	.	1.7	.	.	77.0	.
8610	.	.	.	4.8	.	108.0	2531.5	123.0	.	.	1178.7	.	1.2	.	.	74.0	.
8620	.	.	.	36.0	.	113.0	2189.4	73.0	.	.	1728.8	.	1.1	.	.	70.0	.
8630	.	.	.	35.0	.	114.0	2189.4	66.0	.	.	1728.8	.	-0.6	.	.	87.0	.
8640	.	.	.	8.1	.	126.0	2463.1	45.0	.	.	1807.3	.	0.9	.	.	.	.
8650	.	.	.	.	.	375.0	1000.0	64.0	.	.	800.0	.	.	.	.	.	.
8660	.	.	.	.	.	365.0	1050.0	55.0	.	.	1050.0	.	.	.	.	.	.
8670	.	.	.	.	.	375.0	1200.0	64.0	.	.	1500.0	.	.	.	.	.	.
8680	.	.	.	.	.	270.0	1150.0	58.0	.	.	1200.0	.	.	.	.	.	.
8690	.	.	.	.	.	550.0	580.0	37.0	.	.	2200.0	.	.	.	.	.	.
8700	.	.	.	.	.	425.0	2000.0	48.0	.	.	2600.0	.	.	.	.	.	.
8710	.	.	.	.	.	330.0	1000.0	54.0	.	.	1400.0	.	.	.	.	.	.
8720	.	.	.	.	.	370.0	1300.0	70.0	.	.	760.0	.	.	.	.	.	.
8730	.	.	.	.	.	320.0	480.0	48.0	.	.	710.0	.	.	.	.	.	.
8740	.	.	.	.	.	250.0	490.0	43.0	.	.	1000.0	.	.	.	.	.	.
8750	.	.	.	.	.	235.0	720.0	91.0	.	.	860.0	.	.	.	.	.	.
8760	.	.	.	.	.	50.0	435.0	35.0	.	.	450.0	.	.	.	.	.	.
8770	.	.	.	.	.	44.0	430.0	74.0	.	.	410.0	.	.	.	.	.	.
8780	.	.	.	.	.	66.0	440.0	38.0	.	.	240.0	.	.	.	.	.	.
8790	.	.	.	.	.	32.0	430.0	34.0	.	.	440.0	.	.	.	.	.	.
8800	.	.	.	.	.	50.0	370.0	24.0	.	.	415.0	.	.	.	.	.	.
8810	.	.	.	.	.	78.0	490.0	54.0	.	.	600.0	.	.	.	.	.	.
8820	.	.	.	.	.	51.0	430.0	42.0	.	.	240.0	.	.	.	.	.	.
8830	.	.	.	.	.	62.0	480.0	34.0	.	.	330.0	.	.	.	.	.	.
8840	.	.	.	.	.	640.0	1500.0	48.0	.	.	590.0	.	.	.	.	.	.
8850	.	.	.	.	.	440.0	900.0	59.0	.	.	600.0	.	.	.	.	.	.
8860	.	.	.	.	.	170.0	1200.0	38.0	.	.	250.0	.	.	.	.	.	.
8870	.	.	.	.	.	310.0	580.0	58.0	.	.	600.0	.	.	.	.	.	.
8880	.	.	.	.	.	250.0	600.0	43.0	.	.	700.0	.	.	.	.	.	.
8890	.	.	.	.	.	220.0	625.0	70.0	.	.	250.0	.	.	.	.	.	.
8900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8930	.	.	.	.	.	220.0	800.0	64.0	.	.	520.0	.	.	.	.	.	.
8940	.	.	.	.	.	126.0	3005.0	.	.	.	1622.0	.	.	.	.	.	.
8950	.	.	.	.	.	130.0	3155.0	.	.	.	1626.0	.	.	.	.	.	.
8960	.	.	.	.	.	134.0	3349.0	.	.	.	1523.0	.	.	.	.	.	.
8970	.	.	.	.	.	129.0	3052.0	.	.	.	1509.0	.	.	.	.	.	.
8980	.	.	.	.	.	128.0	2725.0	.	.	.	1525.0	.	.	.	.	.	.
8990	.	.	.	.	.	133.0	2786.0	.	.	.	1385.0	.	.	.	.	.	.
9000	.	.	.	.	.	130.0	2613.0	.	.	.	1469.0	.	.	.	.	.	.

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	BE
9010	.	.	.	.	.	124.0	3114.0	.	.	.	1386.0	.	.	.	.	.	.	.
9020	.	.	.	.	.	127.0	2897.0	.	.	.	1420.0	.	.	.	.	.	.	.
9030	.	.	.	.	.	115.0	2733.0	.	.	.	1447.0	.	.	.	.	.	.	.
9040	.	.	.	.	.	124.0	2647.0	.	.	.	1627.0	.	.	.	.	.	.	.
9050	.	.	.	.	.	119.0	2560.0	.	.	.	1318.0	.	.	.	.	.	.	.
9060	.	.	.	.	.	129.0	3127.0	.	.	.	1402.0	.	.	.	.	.	.	.
9070	.	.	.	.	.	127.0	2857.0	.	.	.	1300.0	.	.	.	.	.	.	.
9080	.	.	.	.	.	122.0	3529.0	.	.	.	1053.0	.	.	.	.	.	.	.
9090	.	.	.	.	.	129.0	3046.0	.	.	.	1250.0	.	.	.	.	.	.	.
9100	.	.	.	.	.	120.0	3165.0	.	.	.	1406.0	.	.	.	.	.	.	.
9110	.	.	.	.	.	114.0	2837.0	.	.	.	1016.0	.	.	.	.	.	.	.
9120	.	.	.	.	.	135.0	3288.0	.	.	.	1389.0	.	.	.	.	.	.	.
9130	.	.	.	.	.	89.0	3076.0	.	.	.	1056.0	.	.	.	.	.	.	.
9140	.	.	.	.	.	117.0	2504.0	.	.	.	946.0	.	.	.	.	.	.	.
9150	.	.	.	.	.	112.0	2478.0	.	.	.	851.0	.	.	.	.	.	.	.
9160	.	.	.	.	.	115.0	2944.0	.	.	.	1025.0	.	.	.	.	.	.	.
9170	.	.	.	.	.	123.0	3149.0	.	.	.	1782.0	.	.	.	.	.	.	.
9180	.	.	.	.	.	119.0	2728.0	.	.	.	1404.0	.	.	.	.	.	.	.
9190	.	.	.	.	.	126.0	2898.0	.	.	.	1422.0	.	.	.	.	.	.	.
9200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	80.4	.
9330	.	.	.	50.3	.	.	.	3.3	.	.	1107.5	.	.	.	.	.	.	.
9340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9350	.	.	.	72.5	.	.	.	10.5	.	.	954.0	.	0.3	.	.	.	40.9	.
9360	.	.	.	124.4	.	.	.	23.9	.	.	976.0	.	.	.	.	.	29.2	.
9370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9380	.	.	.	28.6	.	.	.	18.6	.	.	1408.9	.	.	.	.	.	59.0	.
9390	.	.	.	77.6	.	.	.	3.7	.	.	1546.4	.	0.6	.	.	.	56.2	.
9400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9410	.	.	.	38.1	.	.	.	3.5	.	.	1303.7	.	0.7	.	.	.	35.2	.
9420	.	.	.	47.7	.	.	.	77.0	.	.	1207.0	.	.	.	.	.	54.1	.
9430	.	.	.	0.4	.	.	.	3.2	.	.	1654.4	.	.	.	.	.	47.8	.
9440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9450	.	.	.	7.8	.	.	.	5.6	.	.	1501.0	.	1.8	.	.	.	56.4	.
9460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9470	.	.	.	.	.	.	.	27.0	.	.	1688.0	.	.	.	.	.	59.8	.
9480	.	.	.	29.9	.	.	.	23.3	.	.	1429.5	.	.	.	.	.	55.3	.
9490	.	.	.	9.1	.	.	.	37.5	.	.	1270.7	.	.	.	.	.	53.7	.
9500	.	.	.	.	.	.	.	330.7	.	.	1350.9	.	.	.	.	.	56.0	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	E
								9.3			1309.5		1.9			64.0		
9510				3.5				5.0			1615.3					48.9		
9520				46.9				2.5			911.5					68.3		
9530				39.3				7.2			1661.2		2.1			67.2		
9540				13.0				11.9			1641.0					60.3		
9550								1.8			2121.9					52.4		
9560				5.7				7.0			1448.0					49.2		
9570				35.7				29.3			1268.7					36.7		
9580				31.3				47.1			1366.7					41.6		
9590				13.2				6.5			2003.0					62.3		
9600								3.9			1946.1					57.9		
9610								47.2			1446.3		3.1			49.6		
9620				17.5				8.2			1133.5					52.3		
9630				16.3				10.8			1821.8					35.1		
9640				51.0				77.0			984.6		0.3			69.5		
9650				9.1				82.6			1073.7					58.6		
9660				0.8		116.0	2463.1	49.0			159.4		-0.8			64.0		
9670						116.0	2600.0	14.0			168.3		1.4			68.0		
9680						117.0	2463.1	24.0			168.3		-0.8			69.0		
9690						115.0	2531.5	122.0			159.4		-0.8			68.0		
9700						110.0	2531.5	96.0			150.6		-0.8			70.0		
9710						130.0	2052.6	22.0			212.6		-0.8			78.0		
9720						127.0	2121.0	2.0			239.2		-0.8			87.0		
9730						122.0	2257.9	11.0			212.6		-0.8			81.0		
9740						126.0	2326.3	45.0			194.9		-0.8			80.0		
9750						140.0	2463.1	53.0			177.2		-0.8			50.0		
9760						116.0	3147.3	96.0			115.2		-0.8			78.0		
9770						114.0	3010.5	89.0			159.4		-0.8			67.0		
9780						112.0	2736.8	82.0			141.7		-0.9			73.0		
9790						131.0	2463.1	2.0			221.4		-0.8			80.0		
9800						119.0	2189.4	19.0			194.9		-0.7			82.0		
9810						128.0	2189.4	7.0			239.2		-0.7			70.0		
9820						124.0	2326.3	10.0			221.4		-0.7			75.0		
9830						122.0	2805.2	129.0			150.6		-0.8			68.0		
9840						80.0	1384.0	40.0			412.0		-0.8			117.0		
9850				56.0		78.0	1483.0	109.0			453.0		-1.0			132.0		
9860				35.8		76.0	699.0	245.0			202.0		1.2			202.0		
9870				32.4		66.0	1813.0	103.0			299.0		-1.0			119.0		
9880				17.5		97.0	1948.0	58.0			752.0		1.0			98.0		
9890				7.3		83.0	1316.0	77.0			492.0		1.9			85.0		
9900				23.5			2189.4				864.4							
9910							1163.1				550.1							
9920							3694.7				1178.7							
9930							2531.5				785.8							
9940							2736.8				864.4							
9950							3352.6				1571.6							
9960							3010.5				864.4							
9970							547.4				1414.4							
9980							3352.6				2200.2							
9990							4378.9				2121.7							
10000																		

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UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
10010	.	.	.	.	.	.	1915.8	.	.	.	2593.1	.	.	.	.	.	.	.
10020	.	.	.	.	.	.	1573.7	.	.	.	1257.3	.	.	.	.	.	.	.
10030	.	.	.	.	.	.	5199.9	.	.	.	1885.9	.	.	.	.	.	.	.
10040	.	.	.	.	.	.	2189.4	.	.	.	1257.3	.	.	.	.	.	.	.
10050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	96.0	.	.
10070	.	.	.	.	.	.	2946.0	.	.	.	1384.0	.	3.0	.	.	50.0	.	.
10080	.	.	.	.	.	.	1666.0	.	.	.	2125.0	.	3.0	.	.	.	.	.
10090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	80.0	.	.
10100	.	.	.	.	.	.	2334.0	.	.	.	791.0	.	2.0	.	.	.	.	.
10110	.	.	.	.	.	.	3395.0	.	.	.	232.0	.	2.0	.	.	45.0	.	.
10120	.	.	.	.	.	.	4151.0	.	.	.	2177.0	.	2.0	.	.	85.0	.	.
10130	.	.	.	.	.	.	2827.0	.	.	.	938.0	.	2.0	.	.	.	.	.
10140	.	.	.	.	.	.	.	.	.	.	401.0	.	2.0	.	.	.	.	.
10150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10170	.	.	.	.	.	.	2004.0	.	.	.	1222.0	.	2.0	.	.	.	.	.
10180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10420	.	.	.	.	.	.	1984.0	.	.	.	.	.	.	.	.	.	.	.
10430	.	.	.	.	.	.	2600.0	.	.	.	.	.	.	.	.	.	.	.
10440	.	.	.	.	.	.	.	.	.	.	524.0	.	0.9	.	.	.	.	.
10450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10460	.	.	.	.	.	.	2668.0	.	.	.	1964.0	.	.	.	.	.	.	.
10470	.	.	.	.	.	.	97.0	3400.0	.	.	899.0	.	4.0	.	.	.	.	.
10480	.	.	.	9.0	.	.	93.0	3250.0	.	.	1049.0	.	3.0	.	.	.	.	.
10490	.	.	.	13.0	.	.	86.0	3350.0	.	.	735.0	.	3.0	.	.	.	.	.
10500	.	.	.	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	E
10510	.	.	.	.	.	.	.	.	.	.	.	.	7.5	.	.	86.0	.	.
10520	.	.	-1.0	12.0	.	210.0	2668.0	130.0	.	.	943.0	.	5.5	.	.	82.0	.	.
10530	.	.	-1.0	15.0	.	220.0	2600.0	102.0	.	.	1414.0	.	5.5	.	.	89.0	.	.
10540	.	.	-1.0	14.0	.	180.0	2737.0	79.0	.	.	1336.0	.	7.0	.	.	94.0	.	.
10550	.	.	-1.0	16.0	.	155.0	2805.0	87.0	.	.	1257.0	.	6.5	.	.	96.0	.	.
10560	.	.	-1.0	13.0	.	140.0	2600.0	72.0	.	.	1100.0	.	5.0	.	.	96.0	.	.
10570	.	.	-1.0	19.0	.	220.0	2600.0	73.0	.	.	1257.0	.	2.0	.	.	83.0	.	.
10580	.	.	-1.0	13.0	.	185.0	2395.0	90.0	.	.	1414.0	.	1.0	.	.	74.0	.	.
10590	.	.	-1.0	6.6	.	190.0	1916.0	61.0	.	.	2200.0	.	1.5	.	.	85.0	.	.
10600	.	.	-1.0	7.6	.	145.0	1984.0	130.1	.	.	1964.0	.	4.5	.	.	100.0	.	.
10610	.	.	-1.0	15.0	.	140.0	2600.0	80.0	.	.	1257.0	.	4.5	.	.	97.0	.	.
10620	.	.	-1.0	10.0	.	265.0	2463.0	55.0	.	.	1414.0	.	4.0	.	.	92.0	.	.
10630	.	.	-1.0	11.0	.	87.0	2463.0	92.0	.	.	707.0	.	1.5	.	.	81.0	.	.
10640	.	.	1.0	1.9	.	245.0	1642.0	24.0	.	.	2122.0	.	1.5	.	.	86.0	.	.
10650	.	.	6.0	3.9	.	270.0	4310.0	43.0	.	.	2122.0	.	-1.5	.	.	71.0	.	.
10660	.	.	3.0	1.9	.	205.0	2258.0	50.0	.	.	1886.0	.	2.5	.	.	83.0	.	.
10670	.	.	1.0	5.3	.	160.0	2053.0	59.0	.	.	1807.0	.	3.0	.	.	91.0	.	.
10680	.	.	-1.0	2.1	.	320.0	1984.0	47.0	.	.	1964.0	.	3.0	.	.	198.0	.	.
10690	.	.	4.0	9.0	.	335.0	3968.0	46.0	.	.	1336.0	.	3.5	.	.	127.0	.	.
10700	.	.	3.0	8.6	.	165.0	2121.0	61.0	.	.	1493.0	.	.	.	.	.	.	.
10710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10740	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10750	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10760	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	36.0	.
10790	.	.	.	.	.	85.0	1344.0	10.0	.	.	1360.0	.	.	.	.	.	60.0	.
10800	.	.	.	.	.	95.0	1808.0	46.0	.	.	1440.0	.	.	.	.	.	136.0	.
10810	.	.	.	.	.	79.0	800.0	6.0	.	.	1980.0	.	.	.	.	.	190.0	.
10820	.	.	.	.	.	78.0	518.0	190.0	.	.	1800.0	.	.	.	.	.	70.0	.
10830	.	.	.	.	.	99.0	1832.0	40.0	.	.	1580.0	.	.	.	.	.	52.0	.
10840	.	.	.	.	.	87.0	1114.0	.	.	.	1800.0	.	.	.	.	.	68.0	.
10850	.	.	.	.	.	78.0	2210.0	3.0	.	.	1840.0	.	.	.	.	.	32.0	.
10860	.	.	.	.	.	92.0	1360.0	2.0	.	.	2400.0	.	.	.	.	.	56.0	.
10870	.	.	.	.	.	81.0	1770.0	4.0	.	.	1800.0	.	.	.	.	.	326.0	.
10880	.	.	.	.	.	74.0	904.0	60.0	.	.	628.0	.	.	.	.	.	.	.
10890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10910	.	.	.	.	.	.	2668.0	.	.	.	.	.	.	.	.	.	.	.
10920	.	.	.	.	.	.	5884.0	.	.	.	.	.	.	.	.	.	.	.
10930	.	.	.	.	.	.	4242.0	.	.	.	.	.	.	.	.	.	.	.
10940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10990	.	.	.	.	.	.	2189.0	.	.	.	.	2315.0	.	.	.	.	.	.
11000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 23
:3/87

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO	BE
11010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11020	.	.	.	.	.	.	6842.0	.	.	.	.	.	.	.	.	.	.	.
11030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11040	.	.	.	285.0	.	55.0	1470.0	40.0	.	.	2000.0	.	0.6	.	.	75.0	.	.
11050	.	.	.	10.8	.	45.0	1090.0	13.0	.	.	690.0	.	0.5	.	.	77.0	.	.
11060	.	.	.	22.7	.	37.0	735.0	8.0	.	.	550.0	.	5.4	.	.	80.0	.	.
11070	.	.	.	28.2	.	46.0	1180.0	92.0	.	.	850.0	.	0.9	.	.	100.0	.	.
11080	.	.	.	34.5	.	41.0	1690.0	72.0	.	.	570.0	.	0.7	.	.	77.0	.	.
11090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

EXT5.TBL -- Table 5

UNIQUE NUMBER	GA	MB	SC	SM	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	TB
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
50	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
70	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
110	.	.	.	.	.	.	.	.	.	1.7	0.5	.	.	0.3	0.4	0.1	0.1	.
120	.	.	12.7	.	.	.	5.5	.	.	1.2	0.6	.	.	0.4	0.4	0.2	0.1	0.
130	.	.	15.0	.	.	.	5.5	.	.	.	0.6	.	.	0.4	0.4	0.2	0.1	0.
140	.	.	15.0	.	.	.	5.6	.	.	2.3	0.9	.	.	0.7	0.9	0.4	0.3	1.
150	.	.	31.0	.	20.0	.	9.8	20.8	.	1.4	0.6	.	.	0.4	0.6	0.3	0.1	0.
160	.	.	23.0	.	5.0	.	6.9	.	.	2.1	0.6	.	.	0.4	0.7	0.3	0.2	0.
170	.	.	23.0	.	25.0	.	6.6	.	.	1.7	0.5	.	.	0.4	0.6	0.2	0.2	0.
180	.	.	21.0	.	24.0	.	6.6	17.3	.	2.2	0.5	.	.	0.5	0.6	0.2	0.2	0.
190	.	.	21.0	.	0.4	.	5.6	19.4	.	1.8	0.5	.	.	0.4	0.6	0.3	0.2	0.
200	.	.	22.0	.	23.0	.	6.2	.	.	2.1	0.7	.	.	0.5	0.7	0.3	0.2	0.
210	.	.	21.0	.	.	.	6.3	20.6	.	2.9	1.2	.	.	0.5	1.0	0.3	0.3	1.
220	.	.	22.0	.	.	.	5.6	19.5	.	1.2	0.5	.	.	0.1	0.3	0.1	0.1	0.
230	.	.	12.0	.	.	.	.	.	.	2.0	0.7	.	.	0.4	0.6	0.2	0.1	0.
240	.	.	27.0	.	.	.	.	.	.	1.2	0.5	.	.	0.3	0.5	0.2	0.2	0.
250	.	.	22.0	.	.	.	.	.	.	2.2	1.0	.	.	0.4	0.7	0.2	0.2	0.
260	.	.	29.0	.	.	.	.	.	.	1.5	0.6	.	.	0.3	0.4	0.1	0.1	0.
270	.	.	17.5	.	.	.	.	.	.	1.1	0.4	.	.	0.2	0.4	0.1	0.1	0.
280	.	.	14.2	.	2.4	.	.	.	.	.	0.5	.	.	0.3	0.6	0.2	.	.
290	.	.	9.2	.	7.8	.	4.9	11.5	.	1.7	0.7	.	.	0.4	0.6	0.2	0.1	0.
300	.	.	9.2	.	1.0	.	2.9	5.0	.	1.3	0.5	.	.	0.4	0.5	0.2	0.2	0.
310	.	.	22.0	.	1.0	.	4.8	.	.	1.5	1.2	.	.	0.4	0.6	0.2	0.1	0.
320	.	.	20.2	.	3.2	.	5.1	.	.	2.1	1.3	.	.	.	0.7	0.2	0.2	0.
330	.	.	23.5	.	.	.	7.0	.	.	2.0	0.7	.	.	0.5	0.6	0.2	0.2	0.
340	.	.	21.0	.	5.8	.	5.1	15.0	.	2.0	0.7	.	.	.	0.5	.	.	.
350	.	.	19.0	.	2.2	.	4.6	.	.	2.4	0.9	.	.	0.4	0.9	0.3	.	.
360	.	.	26.0	.	1.0	.	8.5	20.0	.	2.4	1.2	.	.	0.4	0.8	0.3	0.2	0.
370	.	.	26.0	.	.	.	8.4	.	.	2.7	0.9	.	.	0.5	1.0	0.4	0.1	0.
380	.	.	32.0	.	5.7	.	9.2	.	.	2.1	1.1	.	.	0.4	0.7	0.3	0.1	0.
390	.	.	26.0	.	2.5	.	7.3	.	.	1.1	0.5	.	.	.	0.3	0.1	0.1	.
400	.	.	11.0	.	70.0	.	2.5	.	.	0.5	0.6	.	.	.	0.2	.	.	.
410	.	.	10.0	.	35.0	.	2.7	.	.	1.7	0.9	.	.	.	0.6	0.2	0.	.
420	.	.	20.0	.	48.0	.	6.2	17.0	.	2.7	0.9	.	.	0.5	0.8	0.3	0.3	.
430	.	.	30.0	.	39.0	.	10.0	20.0	.	3.3	1.5	.	.	0.7	1.1	0.5	.	.
440	.	.	25.0	.	56.0	.	9.8	26.0	.	2.6	0.9	.	.	0.7	0.8	0.3	.	.
450	.	.	27.0	.	27.0	.	8.8	21.0	.	2.1	0.7	.	.	0.8	1.0	0.4	0.	.
460	.	.	34.0	.	16.0	.	8.8	22.0	.	2.4	0.7	.	.	0.6	0.9	0.3	0.3	.
470	.	.	29.0	.	21.0	.	8.8	20.0	.	2.2	0.8	.	.	0.5	0.9	0.3	.	.
480	.	.	29.0	.	22.0	.	11.0	25.0	.	.	0.3	.	.	0.1	0.2	0.1	0.	.
490	.	.	10.0	.	.	.	.	2.8	.	2.3	0.7	.	.	0.5	0.8	0.3	0.2	.
500	.	.	30.0	.	4.5	.	8.8	20.0	.			.	.					

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
510	.	.	28.0	.	8.2	.	8.9	18.0	.	2.8	1.0	.	.	0.4	0.8	0.3	0.2	1.0
520	.	.	25.0	.	2.0	.	7.0	.	.	2.4	0.9	.	.	0.5	0.7	0.2	0.2	0.7
530	.	.	51.0	.	52.0	.	8.0	18.0	.	2.8	.	.	.	0.6	0.8	0.3	.	1.0
540	.	.	22.0	.	5.0	.	3.8	.	.	1.3	0.7	.	.	.	0.4	0.2	0.4	0.4
550	.	.	11.0	.	.	.	5.0	12.0	.	1.4	.	.	.	.	0.4	0.1	.	0.4
560	.	.	20.0	.	4.0	.	3.9	10.0	.	1.1	0.4	.	.	.	0.3	0.9	0.1	0.4
570	.	.	15.0	.	.	.	2.5	5.0	.	.	.	.	.	.	0.6	.	.	0.2
580	.	.	18.0	.	3.1	.	2.9	5.3	.	.	.	.	.	0.4	.	.	.	.
590	.	.	27.0	.	.	.	.	.	.	1.3	0.4	.	.	0.4	0.6	0.2	0.2	0.8
600	.	.	33.0	.	.	.	.	.	.	2.2	.	.	.	0.5	0.9	0.4	0.3	1.2
610	.	.	13.0	.	.	.	.	.	.	0.3	0.8	.	.	0.1	0.4	0.2	0.1	0.3
620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
690	.	.	21.0	.	11.0	123.0	.	.	.	21.4	12.3	.	1.3	1.4	3.3	0.7	0.6	1.2
700	.	.	39.0	.	102.0	219.0	.	.	.	9.4	4.6	.	0.7	1.2	1.9	0.6	0.4	1.2
710	.	.	25.0	.	8.0	185.0	.	.	.	3.1	1.0	.	-0.1	0.5	0.8	0.3	0.2	0.9
720	.	.	27.0	.	3.0	195.0	.	.	.	4.7	2.3	.	-0.1	0.6	1.1	0.3	0.3	1.2
730	.	.	34.0	.	-2.0	178.0	.	.	.	5.9	3.3	.	0.3	0.7	2.2	0.7	0.5	1.7
740	.	.	36.0	.	3.0	181.0	.	.	.	5.5	6.5	.	0.3	0.7	2.6	0.7	0.7	2.7
750	.	.	.	.	5.0	.	2.0	9.0	.	.	.	.	.	.	.	.	.	.
760	.	.	.	.	10.0	.	2.0	13.0	.	.	.	.	.	.	.	.	.	.
770	.	.	.	.	2.0	.	2.0	9.0	.	.	.	.	.	.	.	.	.	.
780	.	.	.	.	13.0	.	4.0	14.0	.	.	.	.	.	.	.	.	.	.
790	11.0	7.0	.	.	191.0	239.0	26.0	102.0	.	.	12.0	.	.	.	.	.	.	.
800	.	7.0	.	.	166.0	213.0	20.0	76.0	.	.	.	.	.	.	.	.	.	.
810	.	.	.	.	.	91.0	.	15.0	.	.	.	.	.	.	.	.	.	.
820	.	.	.	.	9.0	102.0	4.0	17.0	.	.	.	.	.	.	.	.	.	.
830	.	2.0	.	.	100.0	224.0	14.0	36.0	.	.	.	.	.	.	.	.	.	.
840	.	5.0	.	.	26.0	179.0	12.0	41.0	.	.	.	.	.	.	.	.	.	.
850	.	3.0	.	.	14.0	182.0	11.0	37.0	.	.	.	.	.	.	.	.	.	.
860	6.0	2.0	.	.	21.0	212.0	8.0	23.0	.	.	.	.	.	.	.	.	.	.
870	.	17.0	.	.	59.0	261.0	2.0	2.0	.	.	.	.	.	.	.	.	.	.
880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 3
:3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
1010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1020	.	.	15.0	.	70.0	80.0	20.0	.	.	.	.	.	.	.	.	.	.
1030	.	.	35.0	.	60.0	250.0	45.0	.	.	.	.	.	.	.	.	.	.
1040	.	.	10.0	.	25.0	45.0	20.0	.	.	.	.	.	.	.	.	.	.
1050	.	.	7.0	.	60.0	20.0	15.0	.	.	.	.	.	.	.	.	.	.
1060	.	.	9.0	.	2.0	30.0	15.0	.	.	.	.	.	.	.	.	.	.
1070	.	.	15.0	.	1.0	100.0	80.0	.	.	.	.	.	.	.	.	.	.
1080	.	.	35.0	.	60.0	250.0	60.0	.	.	.	.	.	.	.	.	.	.
1090	.	.	30.0	.	60.0	100.0	25.0	.	.	.	.	.	.	.	.	.	.
1100	.	.	20.0	.	70.0	100.0	35.0	.	.	.	.	.	.	.	.	.	.
1110	.	.	20.0	.	70.0	100.0	25.0	.	.	.	.	.	.	.	.	.	.
1120	.	7.0	.	.	166.0	213.0	76.0	20.0	.	.	.	.	.	.	.	.	.
1130	.	4.0	.	.	30.0	241.0	57.0	16.0	.	.	.	.	.	3.0	1.3	.	2.
1140	.	5.0	.	.	78.0	337.0	78.0	25.0	.	12.6	4.6	9.4	.	.	.	.	.
1150	.	4.0	.	.	52.0	278.0	67.0	15.0	.	.	.	.	.	.	.	.	.
1160	.	2.0	.	.	100.0	224.0	36.0	14.0	.	.	.	.	.	.	.	.	.
1170	.	.	.	.	.	91.0	15.0	.	.	.	1.9	2.5	.	0.7	0.2	.	0
1180	.	.	.	.	9.0	102.0	17.0	4.0	.	.	3.4	3.6	.	0.9	0.4	.	0
1190	.	0.1	.	.	1.2	81.0	10.9	3.3	.	.	0.7	1.7	.	0.5	0.2	.	0
1200	.	5.0	.	.	26.0	179.0	41.0	12.0	.	10.5	3.8	7.5	.	2.1	0.7	.	1
1210	.	3.0	.	.	14.0	182.0	37.0	11.0	.	7.8	2.9	6.0	.	1.9	0.6	.	1
1220	.	2.0	.	.	24.3	212.0	23.0	8.0	.	.	.	.	.	.	.	.	.
1230	.	34.0	.	.	202.8	130.0	53.0	12.0	.	13.8	6.1	5.8	.	1.2	0.4	.	1
1240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1250	.	.	.	.	.	.	45.0	.	.	.	.	.	.	.	.	.	.
1260	.	.	.	.	.	.	39.0	.	.	.	.	.	.	.	.	.	.
1270	.	.	.	.	.	.	83.0	.	.	.	.	.	.	.	.	.	.
1280	.	.	.	.	.	.	20.0	.	.	.	.	.	.	.	.	.	.
1290	.	.	.	.	.	.	38.0	.	.	.	.	.	.	.	.	.	.
1300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1310	.	.	.	.	.	.	12.0	.	.	.	.	.	.	.	.	.	.
1320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 4
.3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
1510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1550	.	.	.	.	.	85.0	.	.	.	.	.	.	.	.	.	.	.	.
1560	20.0	.	.	.	.	160.0	10.0	.	.	.	.	.	.	.	.	.	.	.
1570	10.0	.	.	.	.	22.0	.	.	.	.	.	.	.	.	.	.	.	.
1580	11.0	.	.	.	.	39.0	.	.	.	.	.	.	.	.	.	.	.	.
1590	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1600	.	.	.	.	.	29.0	.	.	.	.	.	.	.	.	.	.	.	.
1610	.	.	.	.	.	27.0	.	.	.	.	.	.	.	.	.	.	.	.
1620	.	.	.	.	.	14.0	.	.	.	.	.	.	.	.	.	.	.	.
1630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1740	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1750	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1760	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1810	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1820	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1830	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 5
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UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB
2010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 6
:3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
2510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2610	.	.	.	.	.	.	.	.	.	-35.0	14.0	-25.0	-10.0	.	.	.	.	.
2620	.	-5.0	17.0	.	12.0	105.0	-5.0	-5.0	.	-35.0	15.0	-25.0	-10.0	.	.	.	.	.
2630	.	-5.0	32.0	.	30.0	120.0	-5.0	8.0	.	-35.0	25.0	-25.0	-10.0	.	.	.	.	.
2640	.	-5.0	50.0	.	19.0	265.0	14.0	30.0	.	-35.0	24.0	-25.0	-10.0	.	.	.	.	.
2650	.	5.0	25.0	.	18.0	310.0	18.0	45.0	.	-35.0	23.0	-25.0	-10.0	.	.	.	.	.
2660	.	-5.0	60.0	.	70.0	285.0	15.0	30.0	.	-35.0	35.0	-25.0	-10.0	.	.	.	.	.
2670	.	8.0	40.0	.	70.0	270.0	24.0	80.0	.	35.0	35.0	-25.0	-10.0	.	.	.	.	.
2680	.	-5.0	35.0	.	30.0	160.0	-5.0	10.0	.	-35.0	16.0	-25.0	-10.0	.	.	.	.	.
2690	.	-5.0	35.0	.	215.0	120.0	-5.0	16.0	.	-35.0	16.0	-25.0	-10.0	.	.	.	.	.
2700	.	-5.0	30.0	.	23.0	155.0	6.0	6.0	.	-35.0	15.0	-25.0	-10.0	.	.	.	.	.
2710	.	-5.0	35.0	.	10.0	120.0	-5.0	7.0	.	-35.0	15.0	-25.0	-10.0	.	.	.	.	.
2720	.	-5.0	60.0	.	35.0	160.0	10.0	12.0	.	-35.0	16.0	-25.0	-10.0	.	.	.	.	.
2730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2740	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2750	.	30.0	13.0	.	15.0	335.0	-2.0	100.0	.	.	.	.	.	.	.	.	.	.
2760	.	15.0	7.0	.	30.0	85.0	4.0	10.0	-50.0	.	.	.	-10.0	.	.	.	.	.
2770	.	19.0	17.0	.	22.0	130.0	7.0	9.0	-50.0	.	.	.	-10.0	.	.	.	.	.
2780	.	9.0	25.0	.	30.0	165.0	7.0	11.0	-50.0	.	.	.	-10.0	.	.	.	.	.
2790	.	4.0	8.0	.	105.0	155.0	11.0	6.0	-50.0	.	.	.	-10.0	.	.	.	.	.
2800	.	-1.0	9.0	.	14.0	75.0	-2.0	-1.0	.	.	.	.	-10.0	.	.	.	.	.
2810	.	-1.0	25.0	.	100.0	200.0	3.0	7.0	.	.	.	.	-10.0	.	.	.	.	.
2820	.	1.0	13.0	.	60.0	220.0	4.0	6.0	.	.	.	.	10.0	.	.	.	.	.
2830	.	-1.0	6.0	.	14.0	80.0	-2.0	-1.0	.	.	.	.	-10.0	.	.	.	.	.
2840	.	4.0	15.0	.	120.0	210.0	6.0	6.0	.	.	.	.	-10.0	.	.	.	.	.
2850	.	-1.0	13.0	.	45.0	145.0	2.0	5.0	.	.	.	.	-10.0	.	.	.	.	.
2860	.	-1.0	11.0	.	14.0	130.0	-2.0	-1.0	.	.	.	.	-10.0	.	.	.	.	.
2870	.	-1.0	12.0	.	16.0	130.0	-2.0	4.0	.	.	.	.	-10.0	.	.	.	.	.
2880	.	2.0	11.0	.	14.0	170.0	3.0	8.0	.	.	.	.	-10.0	.	.	.	.	.
2890	.	-1.0	11.0	.	14.0	155.0	2.0	6.0	.	.	.	.	.	.	.	.	.	.
2900	.	.	.	-10.0	.	150.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2910	.	.	.	-10.0	.	60.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2920	.	.	.	-10.0	.	100.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2930	.	.	.	10.0	.	150.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2940	.	.	.	-10.0	.	160.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2950	.	.	.	-10.0	.	100.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2960	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2970	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2980	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
2990	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
3000	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB
3010	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.
3020	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.
3030	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.
3040	.	.	.	-10.0	.	140.0	.	.	-50.0	.	.	.	.	.	.	.	.
3050	.	.	.	-10.0	.	170.0	.	.	-50.0	.	.	.	.	.	.	.	.
3060	.	10.0	10.0	.	55.0	180.0	3.0	16.0	.	.	.	.	.	.	.	.	.
3070	.	9.0	25.0	.	60.0	175.0	4.0	30.0	.	.	.	.	.	.	.	.	.
3080	.	.	.	.	.	215.0	.	.	-50.0	.	.	.	.	.	.	.	.
3090	.	.	.	.	.	110.0	.	.	-50.0	.	.	.	.	.	.	.	.
3100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3160	4.0	.	15.0	-30.0	10.0	-100.0	-10.0	40.0	.	.	.	.	.	.	.	.	.
3170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3190	24.0	-1.0	6.0	.	130.0	70.0	2.0	7.0	-50.0	.	.	.	-10.0	.	.	.	.
3200	.	30.0	17.0	.	420.0	155.0	30.0	265.0	.	.	.	.	.	.	.	.	.
3210	.	23.0	45.0	.	40.0	240.0	17.0	45.0	.	.	.	.	.	.	.	.	.
3220	.	22.0	35.0	.	45.0	220.0	17.0	40.0	.	.	.	.	.	.	.	.	.
3230	.	19.0	35.0	.	19.0	170.0	10.0	22.0	.	.	.	.	.	.	.	.	.
3240	.	15.0	5.0	.	8.0	115.0	5.0	24.0	.	.	.	.	.	.	.	.	.
3250	.	18.0	7.0	.	6.0	115.0	8.0	30.0	.	.	.	.	.	.	.	.	.
3260	.	22.0	40.0	.	30.0	230.0	12.0	35.0	.	.	.	.	.	.	.	.	.
3270	.	12.0	4.0	.	8.0	75.0	3.0	20.0	.	.	.	.	.	.	.	.	.
3280	.	16.0	30.0	.	9.0	155.0	8.0	21.0	.	.	.	.	.	.	.	.	.
3290	.	15.0	13.0	.	16.0	120.0	4.0	20.0	.	.	.	.	.	.	.	.	.
3300	.	16.0	23.0	.	65.0	155.0	6.0	23.0	.	.	.	.	.	.	.	.	.
3310	.	14.0	5.0	.	7.0	65.0	2.0	17.0	.	.	.	.	.	.	.	.	.
3320	.	21.0	40.0	.	50.0	225.0	11.0	35.0	.	.	.	.	.	.	.	.	.
3330	.	14.0	10.0	.	13.0	115.0	3.0	19.0	.	.	.	.	.	.	.	.	.
3340	.	-5.0	7.0	.	7.0	60.0	-5.0	.	.	.	.	.	-10.0	.	.	.	.
3350	.	-5.0	20.0	.	11.0	160.0	12.0	.	.	.	.	.	-10.0	.	.	.	.
3360	.	6.0	65.0	.	30.0	355.0	21.0	.	.	.	.	.	-10.0	.	.	.	.
3370	.	8.0	55.0	.	50.0	275.0	17.0	.	.	.	.	.	-10.0	.	.	.	.
3380	.	-5.0	14.0	.	35.0	145.0	7.0	.	.	.	.	.	-10.0	.	.	.	.
3390	.	-5.0	10.0	.	6.0	60.0	-5.0	.	.	.	.	.	.	.	.	.	.
3400	.	17.0	8.0	.	120.0	120.0	-2.0	4.0	.	.	.	.	.	.	.	.	.
3410	.	14.0	25.0	.	95.0	140.0	-2.0	1.0	.	.	.	.	.	.	.	.	.
3420	.	9.0	11.0	.	65.0	125.0	-2.0	-1.0	.	.	.	.	.	.	.	.	.
3430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3440	-5.0	-5.0	6.0	.	23.0	55.0	-5.0	11.0	.	.	.	.	.	.	.	.	.
3450	.	16.0	16.0	.	35.0	140.0	7.0	35.0	.	.	.	.	.	.	.	.	.
3460	.	16.0	12.0	.	35.0	130.0	9.0	24.0	.	.	.	.	.	.	.	.	.
3470	.	-5.0	17.0	.	255.0	115.0	6.0	18.0	.	.	.	.	-10.0	.	.	.	.
3480	.	-1.0	6.0	.	7.0	30.0	-2.0	-1.0	.	.	.	.	.	.	.	.	.
3490	.	8.0	18.0	.	9.0	200.0	9.0	25.0	.	.	.	.	.	.	.	.	.
3500	.	9.0	19.0	.	13.0	200.0	9.0	25.0	.	.	.	.	.	.	.	.	.

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UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
3510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3520	.	11.0	23.0	.	35.0	200.0	6.0	6.0	-50.0	.	.	.	.	.	.	.	.	.
3530	.	10.0	9.0	.	.	125.0	4.0	.	.	.	.	.	-10.0	.	.	.	.	.
3540	.	10.0	.	.	9.0	145.0	4.0	15.0	.	.	.	.	.	.	.	.	.	.
3550	.	11.0	.	.	10.0	130.0	3.0	14.0	.	.	.	.	.	.	.	.	.	.
3560	.	9.0	.	.	9.0	115.0	2.0	13.0	.	.	.	.	.	.	.	.	.	.
3570	.	9.0	.	.	45.0	145.0	4.0	18.0	.	.	.	.	.	.	.	.	.	.
3580	.	9.0	.	.	14.0	125.0	4.0	25.0	.	.	.	.	.	.	.	.	.	.
3590	.	11.0	.	.	40.0	125.0	3.0	25.0	.	.	.	.	.	.	.	.	.	.
3600	.	15.0	.	.	10.0	105.0	5.0	19.0	.	.	.	.	.	.	.	.	.	.
3610	6.0	35.0	.	.	25.0	85.0	-2.0	-1.0	.	.	.	.	.	.	.	.	.	.
3620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3640	.	.	.	.	25.0	170.0	10.0	40.0	.	.	.	.	.	.	.	.	.	.
3650	.	.	.	.	60.0	200.0	12.0	35.0	.	.	.	.	.	.	.	.	.	.
3660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3740	.	12.0	14.0	.	135.0	130.0	-2.0	13.0	.	.	.	.	.	.	.	.	.	.
3750	.	9.0	25.0	.	70.0	110.0	3.0	1.0	.	.	.	.	.	.	.	.	.	.
3760	.	10.0	13.0	.	75.0	115.0	1.0	4.0	.	.	.	.	.	.	.	.	.	.
3770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3790	10.0	.	30.0	600.0	20.0	200.0	10.0	30.0	.	.	.	.	.	.	.	.	.	.
3800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3810	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3820	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3830	.	.	.	.	.	2080.0	.	.	.	.	.	.	.	.	.	.	.	.
3840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 9
.3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB
4010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4320	15.0	.	40.0	-30.0	450.0	250.0	20.0	25.0	.	.	.	.	-10.0	.	.	.	.
4330	7.0	.	20.0	-10.0	100.0	100.0	-10.0	20.0	.	.	.	.	-10.0	.	.	.	.
4340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 10
.3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
4510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4520	.	6.0	7.0	.	60.0	80.0	3.0	7.0	.	.	.	.	.	.	.	.	.	.
4530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4610	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4630	.	.	.	.	7.0	215.0	19.0	30.0	.	.	.	.	.	.	.	.	.	.
4640	.	.	.	.	5.0	195.0	18.0	35.0	.	.	.	.	.	.	.	.	.	.
4650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4660	.	.	.	.	30.0	155.0	8.0	35.0	.	.	.	.	.	.	.	.	.	.
4670	.	.	.	.	370.0	185.0	12.0	30.0	.	.	.	.	.	.	.	.	.	.
4680	.	.	.	.	240.0	125.0	3.0	15.0	.	.	.	.	.	.	.	.	.	.
4690	.	.	.	.	140.0	130.0	3.0	17.0	.	.	.	.	.	.	.	.	.	.
4700	.	.	.	.	170.0	105.0	3.0	16.0	.	.	.	.	.	.	.	.	.	.
4710	.	.	.	.	230.0	180.0	3.0	30.0	.	.	.	.	.	.	.	.	.	.
4720	.	.	.	.	22.0	165.0	9.0	30.0	.	.	.	.	.	.	.	.	.	.
4730	.	.	.	.	35.0	190.0	7.0	30.0	.	.	.	.	.	.	.	.	.	.
4740	.	.	.	.	60.0	170.0	10.0	30.0	.	.	.	.	.	.	.	.	.	.
4750	.	.	.	.	640.0	120.0	21.0	240.0	.	.	.	.	.	.	.	.	.	.
4760	.	.	.	.	18.0	115.0	6.0	20.0	.	.	.	.	.	.	.	.	.	.
4770	.	.	.	.	75.0	125.0	6.0	18.0	.	.	.	.	.	.	.	.	.	.
4780	.	.	.	.	145.0	160.0	7.0	25.0	.	.	.	.	.	.	.	.	.	.
4790	.	.	.	.	210.0	140.0	3.0	19.0	.	.	.	.	.	.	.	.	.	.
4800	.	.	.	.	17.0	165.0	7.0	30.0	.	.	.	.	.	.	.	.	.	.
4810	.	.	.	.	220.0	140.0	3.0	19.0	.	.	.	.	.	.	.	.	.	.
4820	.	8.0	25.0	.	255.0	150.0	13.0	70.0	.	.	.	.	.	.	.	.	.	.
4830	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 11
.3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	Y
5010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5140	.	.	.	.	4.0	90.0	8.0	17.0	.	.	.	.	.	.	.	.	.	
5150	.	.	.	.	4.0	75.0	7.0	13.0	.	.	.	.	.	.	.	.	.	
5160	.	.	.	.	4.0	80.0	8.0	13.0	.	.	.	.	.	.	.	.	.	
5170	.	.	.	.	42.0	90.0	10.0	20.0	.	.	.	.	.	.	.	.	.	
5180	.	.	.	.	195.0	240.0	17.0	40.0	.	.	.	.	.	.	.	.	.	
5190	.	.	.	.	75.0	130.0	12.0	25.0	.	.	.	.	.	.	.	.	.	
5200	.	.	.	.	165.0	215.0	15.0	45.0	.	.	.	.	.	.	.	.	.	
5210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5230	.	.	40.0	.	125.0	.	.	.	.	.	.	.	.	.	.	.	.	
5240	.	.	4.0	.	8.0	.	.	.	.	.	.	.	.	.	.	.	.	
5250	.	.	4.0	.	18.0	.	.	.	.	.	.	.	.	.	.	.	.	
5260	.	.	5.0	.	25.0	.	.	.	.	.	.	.	.	.	.	.	.	
5270	.	.	4.0	.	40.0	.	.	.	.	.	.	.	.	.	.	.	.	
5280	.	.	4.0	.	7.0	.	.	.	.	.	.	.	.	.	.	.	.	
5290	.	.	4.0	.	18.0	.	.	.	.	.	.	.	.	.	.	.	.	
5300	.	.	4.0	.	7.0	.	.	.	.	.	.	.	.	.	.	.	.	
5310	.	.	4.0	.	8.0	.	.	.	.	.	.	.	.	.	.	.	.	
5320	.	.	13.0	.	30.0	.	.	.	.	.	.	.	.	.	.	.	.	
5330	.	4.0	24.0	.	19.0	170.0	9.0	19.0	.	.	.	.	.	.	.	.	.	
5340	.	2.0	15.0	.	13.0	75.0	7.0	17.0	.	.	.	.	.	.	.	.	.	
5350	.	13.0	23.0	.	23.0	120.0	6.0	24.0	.	.	.	.	.	.	.	.	.	
5360	.	.	20.0	.	25.0	.	.	.	.	.	.	.	.	.	.	.	.	
5370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5460	.	.	.	.	200.0	115.0	6.0	15.0	.	.	.	.	-10.0	.	.	.	.	
5470	.	.	.	.	9.0	90.0	-2.0	16.0	.	.	.	.	-10.0	.	.	.	.	
5480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5490	10.0	.	50.0	-100.0	-10.0	150.0	-20.0	30.0	.	.	.	.	.	.	.	.	.	
5500	5.0	.	40.0	-100.0	-10.0	100.0	-20.0	20.0	.	.	.	.	.	.	.	.	.	

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
5310	10.0	.	70.0	-100.0	-10.0	100.0	20.0	30.0	.	.	.	.	.	.	.	.	.	.
5320	-10.0	.	-20.0	-100.0	50.0	80.0	-20.0	-10.0	.	.	.	.	.	.	.	.	.	.
5330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5340	5.0	.	20.0	-30.0	2.0	100.0	-10.0	30.0	.	.	.	.	.	.	.	.	.	.
5350	5.0	.	20.0	-30.0	2.0	100.0	-10.0	25.0	.	.	.	.	.	.	.	.	.	.
5360	5.0	.	25.0	-30.0	10.0	100.0	10.0	35.0	.	.	.	.	.	.	.	.	.	.
5370	5.0	.	15.0	90.0	35.0	100.0	-10.0	30.0	.	.	.	.	.	.	.	.	.	.
5380	3.0	.	15.0	-30.0	60.0	90.0	-10.0	20.0	.	.	.	.	.	.	.	.	.	.
5390	8.0	.	30.0	-30.0	150.0	150.0	-10.0	40.0	.	.	.	.	.	.	.	.	.	.
5400	8.0	.	25.0	-30.0	150.0	100.0	-10.0	30.0	.	.	.	.	.	.	.	.	.	.
5410	6.0	.	30.0	90.0	300.0	150.0	10.0	40.0	.	.	.	.	.	.	.	.	.	.
5420	8.0	.	35.0	-30.0	250.0	150.0	10.0	50.0	.	.	.	.	.	.	.	.	.	.
5430	7.0	.	10.0	-30.0	150.0	90.0	-10.0	15.0	.	.	.	.	.	.	.	.	.	.
5440	8.0	.	30.0	-30.0	1000.0	100.0	60.0	300.0	.	.	.	.	.	.	.	.	.	.
5450	6.0	.	20.0	-30.0	150.0	100.0	-10.0	25.0	.	.	.	.	.	.	.	.	.	.
5460	10.0	.	30.0	-30.0	20.0	100.0	10.0	70.0	.	.	.	.	.	.	.	.	.	.
5470	7.0	.	25.0	-30.0	10.0	100.0	10.0	40.0	.	.	.	.	.	.	.	.	.	.
5480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5520	.	.	.	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5530	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5540	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5550	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5560	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5610	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5720	.	.	.	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5730	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5740	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5750	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5760	.	.	.	-3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5810	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5820	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5830	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5970	.	.	.	.	26.0	324.0	140.0	29.0	.	.	.	.	.	.	.	.	.	.
5980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
6010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6020	.	.	.	.	44.0	325.0	15.0	41.0	.	.	.	.	.	.	.	.	.	.
6030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6070	8.0	2.0	.	.	92.0	258.0	16.0	40.0	.	.	.	.	.	.	.	.	.	.
6080	7.0	2.0	.	.	90.0	248.0	15.0	39.0	.	.	.	.	.	.	.	.	.	.
6090	12.0	.	.	.	17.0	203.0	11.0	42.0	.	.	.	.	.	.	.	.	.	.
6100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6110	8.0	.	.	.	23.0	132.0	7.0	26.0	.	.	.	.	.	.	.	.	.	.
6120	11.0	.	.	.	12.0	208.0	11.0	41.0	.	.	.	.	.	.	.	.	.	.
6130	9.0	.	.	.	15.0	149.0	8.0	29.0	.	.	.	.	.	.	.	.	.	.
6140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6190	.	.	.	.	61.0	222.0	20.0	83.0	.	9.0	22.0	.	.	.	.	.	.	.
6200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6210	9.0	.	.	.	55.0	186.0	9.0	24.0	.	.	4.0	.	.	.	.	.	.	.
6220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6230	.	7.0	.	.	84.0	198.0	17.0	68.0	.	41.0	11.0	.	.	.	.	.	.	.
6240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6250	.	.	.	.	26.0	190.0	8.0	17.0	.	8.0	5.0	.	.	.	.	.	.	.
6260	.	.	.	.	2.0	61.0	.	3.0	.	7.0	.	.	.	.	.	.	.	.
6270	.	.	.	.	15.0	94.0	4.0	5.0	.	5.0	2.0	.	.	.	.	.	.	.
6280	.	.	.	.	27.0	94.0	4.0	8.0	.	5.0	2.0	.	.	.	.	.	.	.
6290	.	.	.	.	9.0	98.0	5.0	6.0	.	3.0	.	.	.	.	.	.	.	.
6300	.	.	.	.	25.0	106.0	5.0	8.0	.	39.0	3.0	.	.	.	.	.	.	.
6310	.	.	.	.	100.0	185.0	10.0	22.0	.	15.0	.	.	.	.	.	.	.	.
6320	.	.	.	.	39.0	201.0	10.0	26.0	.	19.0	2.0	.	.	.	.	.	.	.
6330	.	.	.	.	8.0	238.0	10.0	19.0	.	11.0	3.0	.	.	.	.	.	.	.
6340	.	.	.	.	3.0	261.0	9.0	17.0	.	17.0	4.0	.	.	.	.	.	.	.
6350	.	.	.	.	87.0	249.0	16.0	37.0	.	21.0	3.0	.	.	.	.	.	.	.
6360	.	.	.	.	54.0	281.0	14.0	33.0	.	13.0	4.0	.	.	.	.	.	.	.
6370	.	.	.	.	124.0	337.0	16.0	63.0	.	16.0	3.0	.	.	.	.	.	.	.
6380	.	.	.	.	6.3	.	.	.	.	.	.	.	.	.	.	.	.	.
6390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6400	.	.	.	.	7.7	.	.	.	.	.	.	.	.	.	.	.	.	.
6410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6420	.	.	.	.	24.7	.	.	.	.	.	.	.	.	.	.	.	.	.
6430	.	.	.	.	24.7	.	.	.	.	.	.	.	.	.	.	.	.	.
6440	.	.	.	.	18.0	.	.	.	.	.	.	.	.	.	.	.	.	.
6450	.	.	.	.	6.1	.	.	.	.	.	.	.	.	.	.	.	.	.
6460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
6510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6590	.	.	.	.	20.6	.	.	.	.	.	.	.	.	.	.	.	.	.
6600	.	.	.	.	9.2	.	.	.	.	.	.	.	.	.	.	.	.	.
6610	.	.	.	.	21.8	.	.	.	.	.	.	.	.	.	.	.	.	.
6620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6640	.	.	.	.	15.3	.	.	.	.	.	.	.	.	.	.	.	.	.
6650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6690	.	.	.	.	6.2	.	.	.	.	.	.	.	.	.	.	.	.	.
6700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6720	.	.	.	.	3.7	.	.	.	.	.	.	.	.	.	.	.	.	.
6730	.	.	.	.	8.2	.	.	.	.	.	.	.	.	.	.	.	.	.
6740	.	.	.	.	65.1	.	.	.	.	.	.	.	.	.	.	.	.	.
6750	.	.	.	.	87.6	.	.	.	.	.	.	.	.	.	.	.	.	.
6760	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6770	.	.	.	.	57.2	.	.	.	.	.	.	.	.	.	.	.	.	.
6780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6810	.	.	.	.	28.8	.	.	.	.	.	.	.	.	.	.	.	.	.
6820	.	0.3	25.1	.	10.7	147.0	8.1	16.1	.	.	.	.	.	.	.	.	.	.
6830	.	0.6	28.0	.	6.3	154.0	7.3	18.1	.	1.7	0.1	1.8	.	.	0.8	0.3	.	0.9
6840	.	0.6	28.0	.	6.3	154.0	7.3	18.1	.	1.7	0.1	1.8	.	.	0.8	0.3	.	0.9
6850	.	0.6	28.0	.	6.3	154.0	7.3	18.1	.	1.7	0.1	1.8	.	.	0.8	0.3	.	0.9
6860	.	0.6	28.0	.	6.3	154.0	7.3	18.1	.	1.7	0.1	1.8	.	.	0.8	0.3	.	0.9
6870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6880	.	1.2	34.0	.	5.3	190.0	9.6	21.3	.	1.9	.	2.0	.	.	0.8	0.3	.	1.1
6890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6900	.	0.5	26.1	.	23.4	141.0	7.8	13.7	.	1.2	.	1.4	.	.	0.6	0.3	.	0.8
6910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6930	.	1.3	29.0	.	4.4	175.0	12.5	22.7	.	2.8	.	2.8	.	.	1.1	0.4	.	1.1
6940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6990	.	.	49.4	.	.	.	11.0	39.0	.	.	.	.	.	.	.	.	.	.
7000	.	.	31.0	.	.	.	19.0	61.0	.	.	.	.	.	.	.	.	.	.

: No. 15
.3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	Y
7010	.	1.5	28.0	.	16.0	160.0	11.0	20.0	.	.	.	.	.	.	.	.	.	.
7020	.	1.2	30.0	.	21.0	184.0	12.0	23.0	.	.	.	.	.	.	.	.	.	.
7030	.	1.5	29.0	.	4.4	175.0	12.5	22.7	.	.	.	.	.	.	.	.	.	.
7040	.	3.8	33.7	.	81.0	274.0	21.0	68.0	.	.	.	.	.	.	.	.	.	.
7050	.	.	21.0	.	33.0	.	7.0	14.0	.	3.0	0.6	.	.	.	.	.	.	0.
7060	.	.	26.0	.	31.0	.	8.0	17.0	.	3.2	0.4	.	.	.	.	.	.	0.5
7070	.	.	29.0	.	34.0	.	18.0	36.0	.	6.4	2.2	.	.	.	.	.	.	1.5
7080	.	.	16.0	.	17.0	.	8.0	15.0	.	-9.9	-9.9	.	.	.	.	.	.	-9.
7090	4.8	2.5	22.6	.	34.5	112.0	8.7	27.2	.	.	.	.	.	.	.	.	.	.
7100	5.6	1.9	.	.	40.2	125.0	9.4	29.6	.	.	.	.	.	.	.	.	.	.
7110	5.0	-1.0	19.2	.	34.3	120.0	5.6	12.9	.	.	.	.	.	.	.	.	.	.
7120	4.6	2.2	.	.	35.3	116.0	8.1	27.9	.	.	.	.	.	.	.	.	.	.
7130	5.6	1.9	.	.	33.1	122.0	8.9	29.9	.	.	.	.	.	.	.	.	.	.
7140	4.7	2.5	20.6	.	26.9	104.0	7.7	32.3	.	.	.	.	.	.	.	.	.	.
7150	4.5	1.2	.	.	28.5	165.0	9.0	25.2	.	.	.	.	.	.	.	.	.	.
7160	4.7	-2.0	.	.	73.0	97.0	9.7	33.7	.	.	.	.	.	.	.	.	.	.
7170	3.8	1.0	.	.	36.9	84.0	7.5	20.1	.	.	.	.	.	.	.	.	.	.
7180	3.9	-1.0	14.9	.	6.9	83.0	6.8	21.2	.	.	.	.	.	.	.	.	.	.
7190	4.5	-1.0	.	.	24.2	106.0	7.7	24.2	.	.	.	.	.	.	.	.	.	.
7200	4.7	-2.0	.	.	17.2	107.0	3.3	13.9	.	.	.	.	.	.	.	.	.	.
7210	3.2	-0.9	.	.	11.1	70.0	4.9	15.8	.	.	.	.	.	.	.	.	.	.
7220	3.0	1.1	.	.	14.5	70.0	4.7	18.9	.	.	.	.	.	.	.	.	.	.
7230	4.7	-2.0	.	.	29.6	102.0	5.7	15.4	.	.	.	.	.	.	.	.	.	.
7240	6.7	-0.8	.	.	13.7	127.0	9.7	29.7	.	.	.	.	.	.	.	.	.	.
7250	5.0	-2.0	.	.	6.6	114.0	8.2	22.2	.	.	.	.	.	.	.	.	.	.
7260	5.1	-0.9	.	.	9.9	102.0	6.2	20.2	.	.	.	.	.	.	.	.	.	.
7270	4.5	-0.9	.	.	7.6	93.0	4.5	11.1	.	.	.	.	.	.	.	.	.	.
7280	3.7	1.1	12.0	.	8.2	70.0	5.7	18.0	.	.	.	.	.	.	.	.	.	.
7290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7330	.	.	.	.	12.0	207.0	15.0	38.0	.	.	.	.	.	.	.	.	.	.
7340	.	.	.	.	11.0	215.0	16.0	47.0	.	.	.	.	.	.	.	.	.	.
7350	.	.	.	.	46.0	233.0	27.0	54.0	.	.	.	.	.	.	.	.	.	.
7360	.	.	.	.	42.0	244.0	17.0	59.0	.	.	.	.	.	.	.	.	.	.
7370	.	.	.	.	13.0	117.0	6.0	29.0	.	.	.	.	.	.	.	.	.	.
7380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 16
:3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
7510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7610	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7740	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7750	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7760	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7810	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7820	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7830	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7910	.	.	.	.	34.0	.	.	.	.	.	.	.	.	.	.	.	.	.
7920	.	.	.	.	345.0	.	.	.	.	.	.	.	.	.	.	.	.	.
7930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7950	.	.	.	.	51.3	.	.	.	.	.	.	.	.	.	.	.	.	.
7960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	
8010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8060	.	.	.	.	40.0	138.0	.	.	.	.	.	.	.	.	.	.	.	.
8070	.	.	.	.	222.0	225.0	.	.	.	.	.	.	.	.	.	.	.	.
8080	.	.	.	.	47.0	246.0	.	.	.	.	.	.	.	.	.	.	.	.
8090	.	.	.	.	29.0	223.0	.	.	.	.	.	.	.	.	.	.	.	.
8100	.	.	.	.	40.0	138.0	.	.	.	.	.	.	.	.	.	.	.	.
8110	.	.	.	.	222.0	225.0	.	.	.	.	.	.	.	.	.	.	.	.
8120	.	.	.	.	47.0	246.0	.	.	.	.	.	.	.	.	.	.	.	.
8130	.	.	.	.	29.0	223.0	.	.	.	.	.	.	.	.	.	.	.	.
8140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8450	.	.	.	.	15.3	.	.	.	.	.	.	.	.	.	.	.	.	.
8460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8490	.	.	.	.	15.3	.	.	.	.	.	.	.	.	.	.	.	.	.
8500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 18
:3/87

UNIQUE NUMBER	GA	NB	SC	SM	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
8510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8590	5.0	1.9	21.9	.	32.0	113.0	7.5	26.8	.	.	.	.	.	.	.	.	.	.
8600	5.0	1.7	21.9	.	29.0	112.0	7.0	26.8	.	.	.	.	.	.	.	.	.	.
8610	5.5	2.4	23.8	.	33.0	119.0	9.3	29.7	.	.	.	.	.	.	.	.	.	.
8620	4.9	1.3	19.5	.	25.0	105.0	4.8	22.8	.	.	.	.	.	.	.	.	.	.
8630	4.6	1.9	19.8	.	25.0	106.0	4.8	22.9	.	.	.	.	.	.	.	.	.	.
8640	5.0	2.3	20.7	.	25.0	106.0	8.2	25.9	.	.	.	.	.	.	.	.	.	.
8650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8740	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8750	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8760	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8800	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8810	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8820	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8830	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8840	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8850	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8860	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8870	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8880	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8890	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB
9010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9330	.	.	.	.	.	.	5.0	40.8	.	9.3	.	.	.	.	.	.	.
9340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9350	.	.	.	.	64.3	.	1.1	25.1	.	.	.	.	.	.	.	.	.
9360	.	.	.	.	34.7	.	5.5	25.6	.	.	.	.	.	.	.	.	.
9370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9380	.	.	.	.	33.4	.	1.1	22.5	.	5.9	.	.	.	.	.	.	.
9390	.	.	.	.	11.7	.	0.2	21.4	.	9.3	.	.	.	.	.	.	.
9400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9410	.	.	.	.	5.3	.	7.5	22.3	.	8.0	.	.	.	.	.	.	.
9420	.	.	.	.	23.6	.	3.5	21.7	.	20.3	.	.	.	.	.	.	.
9430	.	.	.	.	.	.	2.9	19.5	.	10.4	.	.	.	.	.	.	.
9440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9450	.	.	.	.	28.8	.	1.7	20.8	.	17.2	.	.	.	.	.	.	.
9460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9470	.	.	.	.	3.6	.	2.0	32.9	.	53.2	.	.	.	.	.	.	.
9480	.	.	.	.	10.8	.	0.2	21.5	.	9.5	.	.	.	.	.	.	.
9490	.	.	.	.	10.5	.	.	23.9	.	22.1	.	.	.	.	.	.	.
9500	.	.	.	.	4.6	.	3.8	40.2	.	38.4	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
9510	.	.	.	.	6.8	.	0.5	22.6	.	12.7	.	.	.	.	.	.	.	.
9520	.	.	.	.	10.4	.	.	17.8	.	.	.	.	.	.	.	.	.	.
9530	.	.	.	.	47.2	.	4.6	26.7	.	5.0	.	.	.	.	.	.	.	.
9540	.	.	.	.	32.6	.	0.3	23.7	.	31.4	.	.	.	.	.	.	.	.
9550	.	.	.	.	23.9	.	3.0	24.4	.	22.6	.	.	.	.	.	.	.	.
9560	.	.	.	.	84.0	.	1.3	30.5	.	31.9	.	.	.	.	.	.	.	.
9570	.	.	.	.	1.7	.	.	12.0	.	0.8	.	.	.	.	.	.	.	.
9580	.	.	.	.	14.8	.	0.8	13.2	.	.	.	.	.	.	.	.	.	.
9590	.	.	.	.	10.7	.	5.5	19.6	.	22.8	.	.	.	.	.	.	.	.
9600	.	.	.	.	80.7	.	0.6	27.9	.	33.3	.	.	.	.	.	.	.	.
9610	.	.	.	.	84.7	.	.	22.6	.	28.3	.	.	.	.	.	.	.	.
9620	.	.	.	.	21.7	.	5.6	18.1	.	.	.	.	.	.	.	.	.	.
9630	.	.	.	.	15.3	.	3.3	18.5	.	17.1	.	.	.	.	.	.	.	.
9640	.	.	.	.	10.3	.	3.8	11.7	.	17.1	.	.	.	.	.	.	.	.
9650	.	.	.	.	22.1	.	5.1	20.7	.	.	.	.	.	.	.	.	.	.
9660	.	.	.	.	6.3	.	0.7	16.3	.	7.2	.	.	.	.	.	.	.	.
9670	.	0.9	.	.	31.4	12.0	7.9	25.3	.	.	.	.	.	.	.	.	.	.
9680	.	1.3	.	.	29.4	123.0	8.6	26.5	.	.	.	.	.	.	.	.	.	.
9690	.	1.5	.	.	32.1	119.0	8.7	26.1	.	.	.	.	.	.	.	.	.	.
9700	.	1.2	.	.	32.0	123.0	8.9	27.2	.	.	.	.	.	.	.	.	.	.
9710	.	1.3	.	.	30.5	127.0	8.4	27.7	.	.	.	.	.	.	.	.	.	.
9720	.	1.2	.	.	24.9	106.0	6.3	20.5	.	.	.	.	.	.	.	.	.	.
9730	.	1.2	.	.	16.4	87.0	7.1	20.3	.	.	.	.	.	.	.	.	.	.
9740	.	1.3	.	.	18.2	105.0	7.3	21.8	.	.	.	.	.	.	.	.	.	.
9750	.	1.6	.	.	26.4	111.0	7.6	24.0	.	.	.	.	.	.	.	.	.	.
9760	.	1.3	.	.	36.6	105.0	7.9	24.8	.	.	.	.	.	.	.	.	.	.
9770	.	1.1	.	.	62.0	114.0	10.6	33.1	.	.	.	.	.	.	.	.	.	.
9780	.	1.7	.	.	38.1	132.0	9.3	30.0	.	.	.	.	.	.	.	.	.	.
9790	.	1.8	.	.	43.0	120.0	9.4	27.9	.	.	.	.	.	.	.	.	.	.
9800	.	1.4	.	.	23.6	87.0	7.5	20.9	.	.	.	.	.	.	.	.	.	.
9810	.	1.3	.	.	13.1	76.0	6.4	18.1	.	.	.	.	.	.	.	.	.	.
9820	.	0.9	.	.	17.5	91.0	6.6	19.5	.	.	.	.	.	.	.	.	.	.
9830	.	0.9	.	.	17.4	87.0	6.7	20.5	.	.	.	.	.	.	.	.	.	.
9840	.	0.8	.	.	41.0	123.0	8.1	26.2	.	.	.	.	.	.	.	.	.	.
9850	8.3	2.2	31.1	.	74.0	161.0	13.3	46.0	.	.	.	.	.	.	.	.	.	.
9860	7.6	3.5	33.5	.	45.0	186.0	15.8	51.0	.	.	.	.	.	.	.	.	.	.
9870	10.9	3.7	39.9	.	62.0	215.0	17.6	60.0	.	.	.	.	.	.	.	.	.	.
9880	6.1	2.4	32.0	.	34.5	150.0	12.2	37.6	.	.	.	.	.	.	.	.	.	.
9890	7.2	2.2	28.8	.	20.8	159.0	13.5	42.6	.	.	.	.	.	.	.	.	.	.
9900	7.2	2.3	27.4	.	53.0	154.0	12.6	43.0	.	.	.	.	.	.	.	.	.	.
9910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 21
:3/87

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	R
10010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10070	.	.	.	.	7.0	.	.	.	.	.	.	.	.	.	.	.	.	
10080	.	.	.	.	6.0	.	.	.	.	.	.	.	.	.	.	.	.	
10090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10100	.	.	.	.	6.0	.	.	.	.	.	.	.	.	.	.	.	.	.
10110	.	.	.	.	9.0	.	.	.	.	.	.	.	.	.	.	.	.	
10120	.	.	.	.	4.0	.	.	.	.	.	.	.	.	.	.	.	.	
10130	.	.	.	.	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
10140	.	.	.	.	85.0	.	.	.	.	.	.	.	.	.	.	.	.	
10150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10170	.	.	.	.	27.0	.	.	.	.	.	.	.	.	.	.	.	.	.
10180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10450	.	.	.	.	56.8	.	.	.	.	.	.	.	.	.	.	.	.	.
10460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10480	.	1.0	.	.	11.0	169.0	11.0	20.5	.	.	.	.	.	.	.	.	.	.
10490	.	1.2	.	.	38.0	159.0	10.0	18.4	.	.	.	.	.	.	.	.	.	
10500	.	1.4	.	.	10.0	183.0	11.0	21.7	.	.	.	.	.	.	.	.	.	

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UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
10510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10520	.	.	.	.	14.0	150.0	7.5	46.0	.	.	.	.	.	.	.	.	.	0.7
10530	.	.	.	.	14.0	98.0	5.5	37.0	.	.	.	.	.	.	.	.	.	0.5
10540	.	.	.	.	29.0	100.0	5.2	36.0	.	.	.	.	.	.	.	.	.	0.5
10550	.	.	.	.	8.7	125.0	5.0	33.0	.	.	.	.	.	.	.	.	.	0.5
10560	.	.	.	.	7.8	120.0	5.7	37.0	.	.	.	.	.	.	.	.	.	0.6
10570	.	.	.	.	8.0	100.0	4.3	37.0	.	.	.	.	.	.	.	.	.	0.4
10580	.	.	.	.	5.9	96.0	4.0	33.0	.	.	.	.	.	.	.	.	.	0.4
10590	.	.	.	.	16.0	53.0	3.5	33.0	.	.	.	.	.	.	.	.	.	0.3
10600	.	.	.	.	15.0	50.0	4.5	22.0	.	.	.	.	.	.	.	.	.	0.4
10610	.	.	.	.	9.5	98.0	5.2	33.0	.	.	.	.	.	.	.	.	.	0.5
10620	.	.	.	.	11.0	80.0	5.0	710.0	.	.	.	.	.	.	.	.	.	0.4
10630	.	.	.	.	11.0	115.0	7.0	33.0	.	.	.	.	.	.	.	.	.	0.7
10640	.	.	.	.	9.2	20.0	2.5	28.0	.	.	.	.	.	.	.	.	.	0.1
10650	.	.	.	.	2.9	27.0	3.8	25.0	.	.	.	.	.	.	.	.	.	0.2
10660	.	.	.	.	4.1	42.0	2.8	22.0	.	.	.	.	.	.	.	.	.	0.3
10670	.	.	.	.	14.0	45.0	3.0	66.0	.	.	.	.	.	.	.	.	.	0.2
10680	.	.	.	.	7.4	29.0	7.6	30.0	.	.	.	.	.	.	.	.	.	0.1
10690	.	.	.	.	39.0	45.0	3.5	45.0	.	.	.	.	.	.	.	.	.	0.3
10700	.	.	.	.	14.0	54.0	5.4	54.0	.	.	.	.	.	.	.	.	.	0.4
10710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10730	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10740	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10750	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10760	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10770	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10780	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10790	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10800	.	.	.	.	.	105.0	.	.	.	.	.	.	.	.	.	.	.	.
10810	.	.	.	.	.	100.0	.	.	.	.	.	.	.	.	.	.	.	.
10820	.	.	.	.	.	78.0	.	.	.	.	.	.	.	.	.	.	.	.
10830	.	.	.	.	.	53.0	.	.	.	.	.	.	.	.	.	.	.	.
10840	.	.	.	.	.	120.0	.	.	.	.	.	.	.	.	.	.	.	.
10850	.	.	.	.	.	93.0	.	.	.	.	.	.	.	.	.	.	.	.
10860	.	.	.	.	.	78.0	.	.	.	.	.	.	.	.	.	.	.	.
10870	.	.	.	.	.	18.0	.	.	.	.	.	.	.	.	.	.	.	.
10880	.	.	.	.	.	75.0	.	.	.	.	.	.	.	.	.	.	.	.
10890	.	.	.	.	.	183.0	.	.	.	.	.	.	.	.	.	.	.	.
10900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10910	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10940	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10950	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10970	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

: No. 23
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UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	[illegible]
11010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11040	3.8	.	13.4	.	49.1	.	.	.	.	2.3	0.8	2.1	.	0.5	0.6	0.2	0.1	[illegible]5
11050	9.0	.	37.0	.	38.4	.	.	.	.	8.7	3.5	6.9	.	1.3	1.9	0.6	0.4	[illegible]6
11060	9.9	.	31.4	.	67.6	.	.	.	.	8.0	2.6	4.5	.	0.7	1.4	0.5	0.3	0.2
11070	7.9	.	34.2	.	32.3	.	.	.	.	14.1	6.0	7.2	.	1.2	2.1	0.7	0.5	1.5
11080	8.3	.	31.3	.	25.2	.	.	.	.	8.6	2.8	5.9	.	1.4	2.0	0.7	0.5	[illegible]6
11090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

INT1.TBL -- Table 6

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
10	3	P9-140	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
20	3	P9-139	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
30	11	WG171	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
40	11	WH173	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
50	11	WG179	0.00000	0.00000	BELINGWE GREENSTONE BELT, RHODESIA
60	25	T7-4	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
70	25	SA335	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
80	25	SA12	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
90	25	SA37	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
100	25	SA40	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
110	25	SA62	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
120	25	SA64	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
130	25	SA79	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
140	25	SA85	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
150	25	SA86	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
160	25	SA89	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
170	25	SA90	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
180	25	SA93	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
190	25	SA115	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
200	25	SA131	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
210	25	SA156	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
220	25	SA160	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
230	25	SA179	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
240	25	SA336	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
250	25	SA406	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
260	25	SA410	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
270	25	SA412	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
280	25	SA413	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
290	25	SA251	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
300	25	SA255	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
310	25	SA259	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
320	25	SA263	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
330	25	SA264	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
340	25	SA341	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
350	25	SA343	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
360	25	SA345	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
370	25	SA347	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
380	25	SA348	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
390	25	SA349	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
400	25	SA445	0.00000	0.00000	DUNDONALD TWP., ONTARIO, ABITIBI BELT
410	38	VV92-7	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
420	38	VV92-8	0.00000	0.00000	BARBERTON MOUNTAIN LAND, SOUTH AFRICA
430	56	2038	49.00000 W	80.00000 W	MUNRO TWP, ONTARIO, ABITIBI BELT
440	56	52-J	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
450	56	53-J	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
460	59	UDI	0.00000	0.00000	BARBERTON MOUNTAIN LAND
470	63	24-8	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
480	63	24-10	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
490	63	24-13	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
500	63	24-18	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
510	63	24-23	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
520	63	24-26	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
530	63	24-28	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
540	63	24-33	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
550	63	24-35	0.00000	0.00000	MUNRO TWP, ONTARIO, ABITIBI BELT
560	63	M 200	0.00000	0.00000	GARRISON TWP, ONTARIO, ABITIBI BELT
570	63	M 201	0.00000	0.00000	GARRISON TWP, ONTARIO, ABITIBI BELT
580	63	M 202	0.00000	0.00000	GARRISON TWP, ONTARIO, ABITIBI BELT
590	63	M 218	0.00000	0.00000	HOLLOWAY TWP, ONTARIO, ABITIBI BELT
600	63	M 220	0.00000	0.00000	HOLLOWAY TWP, ONTARIO, ABITIBI BELT
610	63	M 232	0.00000	0.00000	HOLLOWAY TWP, ONTARIO, ABITIBI BELT
620	150	84FWB-0048	52.83568 N	91.23155 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
630	150	84FWB-0049	52.83568 N	91.23155 W	OPAPAMISKAN LK, ONTARIO, SACHIGO BELT
640	151	79RHS-0007	50.38611 N	89.15999 W	CARIBOU LAKE, ONTARIO, WABIGOON BELT
650	151	79RHS-0008	50.38361 N	89.15833 W	CARIBOU LAKE, ONTARIO, WABIGOON BELT
660	153	84RHS-0244	49.58540 N	93.35399 W	LINE LAKE, ONTARIO, WABIGOON BELT
670	153	84RHS-0342	49.58820 N	93.37430 W	LINE LAKE, ONTARIO, WABIGOON BELT
680	153	84RHS-0355	49.58527 N	93.35443 W	LINE LAKE, ONTARIO, WABIGOON BELT
690	154	80GWJ-2448	47.81027 N	79.99916 W	DACK TWP., ONTARIO, ABITIBI BELT
700	154	80GWJ-2449	47.81027 N	79.99916 W	DACK TWP., ONTARIO, ABITIBI BELT
710	155	81GWJ-0187	49.54787 N	94.10385 W	CODE TWP., ONTARIO, WABIGOON BELT
720	156	79RPS-0042	48.06583 N	84.64417 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT
730	156	79RPS-0062	48.05638 N	84.63193 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT
740	156	79RPS-0066	48.05443 N	84.62860 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT
750	156	79RPS-0068	48.05360 N	84.63110 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT
760	156	79RPS-0071	48.05916 N	84.64667 W	ESQUEGA TWP., ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
770	159	B0HNW-0236	51.05550 N	94.10332 W	TODD TWP., ONTARIO, UCHI BELT
780	160	B0HNW-0335	51.02499 N	94.19388 W	BALL TWP., ONTARIO, UCHI BELT
790	161	B2GRS-0386	51.41167 N	91.41777 W	MEEN LAKE, ONTARIO, UCHI BELT
800	162	B4STM-0086	50.01389 N	79.70554 W	SUNDAY LAKE, ONTARIO, ABITIBI BELT
810	164	76-7(4)124	50.43880 N	90.94305 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
820	164	76-7(4)129	50.43610 N	90.93610 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
830	164	76-7(4)136	50.43880 N	90.93610 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
840	164	76-7(4)137	50.43610 N	90.94167 W	SAVANT-CROW LAKE, ONTARIO, WABIGOON
850	165	B0NFT-0643	49.64249 N	94.13138 W	CODE TWP., ONTARIO, WABIGOON BELT
860	165	B0NFT-0649	49.63943 N	94.10846 W	CODE TWP., ONTARIO, WABIGOON BELT
870	167	B4NFT-5029	48.22462 N	80.44165 W	BEATTY TWP., ONTARIO, ABITIBI BELT
880	173	B2NCJ-0158	49.03917 N	91.04111 W	LUMBY LK., ONTARIO, WABIGOON BELT
890	173	B2NCJ-0166	49.03917 N	91.03831 W	LUMBY LK., ONTARIO, WABIGOON BELT
900	173	B3NCJ-0668	49.02388 N	91.35777 W	NORWAY LAKE, ONTARIO, WABIGGON BELT
910	175	B0CEB-1014	49.39417 N	92.45583 W	KAWASHEGAMUK LK. ONTARIO, WABIGOON
920	175	MUL-2	49.58330 N	93.33333 W	KAWASHEGAMUK LK. ONTARIO, WABIGOON
930	176	B1TLM-0331	50.96666 N	92.89528 W	BELANGER TWP., ONTARIO, UCHI BELT
940	177	B3TLM-0701	48.70000 N	85.91666 W	BOMBAY TWP., ONTARIO, ABITIBI BELT
950	177	B4TLM-2102	48.69110 N	85.97028 W	BOMBAY TWP., ONTARIO, ABITIBI BELT
960	179	B2AGC-0190	46.50368 N	81.64969 W	TOTTEN TWP., ONTARIO, ABITIBI BELT
970	180	B1JCI-0248	50.43654 N	87.13416 W	HANOVER LAKE, ONTARIO, WABIGOON BELT
980	181	B0AJA-0015	47.18610 N	79.75000 W	GILLES LIMIT, ONTARIO, ABITIBI BELT
990	185	W79-151	50.00000 N	89.33333 W	PUDDY LAKE, ONTARIO, WABIGOON BELT
1000	185	W79-108	53.66666 N	89.91666 W	BEARDY CREEK, ONTARIO,
1010	185	W79-68	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1020	185	W79-69	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1030	185	W79-70	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT

UNIQUE REF NUMBER	KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1040	185	W79-71	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1050	185	W79-75	49.31667 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1060	185	W79-79	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1070	185	W79-80	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1080	185	W79-81	49.31667 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1090	185	W79-82	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1100	185	W79-83	49.28333 N	93.83333 W	DOGPAW LAKE, ONTARIO, WABIGOON BELT
1110	193	79ROP257	49.92471 N	92.55028 W	DROPE TWP., ONTARIO, WABIGOON BELT
1120	194	P189-79	47.68350 N	80.86530 W	VAN HISE TWP., ONTARIO, ABITIBI BELT
1130	194	P197-79	47.68332 N	80.86667 W	VAN HISE TWP., ONTARIO, ABITIBI BELT
1140	195	73S0282	48.66814 N	79.64772 W	MISTAKEN IS., ONTARIO, ABITIBI BELT
1150	197	73J1867	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
1160	197	73J1920	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
1170	197	73J1921	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
1180	197	73J1945	48.29999 N	80.00000 W	GARRISON TWP., ONTARIO, ABITIBI BELT
1190	200	74-1855	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
1200	200	74-1857	48.14999 N	80.29999 W	GUIBORD TWP., ONTARIO, ABITIBI BELT
1210	201	74J1833	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
1220	201	74J1834	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
1230	201	74-1873	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
1240	201	74-1874	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
1250	201	74-1875	48.14999 N	80.29999 W	HISLOP TWP., ONTARIO, ABITIBI BELT
1260	202	74G0384	48.31667 N	80.23596 W	BENOIT TWP., ONTARIO, ABITIBI BELT
1270	203	78J 1031	48.13730 N	79.57570 W	MCGARRY TWP., ONTARIO, ABITIBI BELT
1280	204	74-1902	48.14999 N	80.29999 W	MICHAUD TWP., ONTARIO, ABITIBI BELT

UNIQUE REF NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1290	205	76J322	48.09482 N	80.16704 W	EBY TWP., ONTARIO, ABITIBI BELT
1300	205	76J327	48.09949 N	80.16315 W	EBY TWP., ONTARIO, ABITIBI BELT
1310	205	76J354	48.09459 N	80.15794 W	EBY TWP., ONTARIO, ABITIBI BELT
1320	206	76J1162	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1330	206	76J1163	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1340	206	76J1165	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1350	206	76J1167	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1360	206	76J1169	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1370	206	76J1177	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1380	206	76J1187	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1390	206	76J1189	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1400	206	76J1192	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1410	206	76J1194	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1420	206	76J1195	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1430	206	76J1196	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1440	206	76J1197	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1450	206	76J1198	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1460	206	76J1199	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1470	206	76J1200	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1480	206	76J1201	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1490	206	76J1202	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1500	206	76J1203	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1510	206	76J1204	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1520	206	74J1231	48.00000 N	80.00000 W	GAUTHIER TWP., ONTARIO, ABITIBI BELT
1530	209	76J428	48.10141 N	80.10704 W	TECK TWP., ONTARIO, ABITIBI BELT

UNIQUE NUMBER	REF KEY	FIELD NUMBER	LATITUDE	LONGITUDE	AREA
1540	212	78J 401	48.12540 N	80.25110 W	GRENFELL TWP., ONTARIO, ABITIBI BELT
1550	215	78J 778	48.09630 N	79.66499 W	HEARST TWP., ONTARIO, ABITIBI BELT
1560	225	74J1095	48.40959 N	80.35510 W	PLAYFAIR TWP., ONTARIO, ABITIBI BELT
1570	229	78-4123	51.26332 N	91.43332 W	NABEMAKOSEKA LAKE, ONTARIO,
1580	235	P-101-71	48.09999 N	81.20000 W	GEIKIE, MUSGROVE, MCARTHUR TWPS, ONTARIO
1590	235	P-177-70	48.20000 N	81.20000 W	GEIKIE, MUSGROVE, MCARTHUR TWPS, ONTARIO
1600	235	P-209-72	48.09999 N	81.29999 W	GEIKIE, MUSGROVE, MCARTHUR TWPS, ONTARIO
1610	235	P-4-72	48.09999 N	81.09999 W	GEIKIE, MUSGROVE, MCARTHUR TWPS, ONTARIO
1620	236	C-361-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1630	236	C-377-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1640	236	C-383-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1650	236	C-387-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1660	236	C-399-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1670	236	C-411-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1680	236	C-422-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1690	236	C-432-79	48.70079 N	81.33333 W	TIMMINS-KIRKLAND LK., ONTARIO, ABITIBI
1700	237	P-272-77	47.97188 N	80.69623 W	SINCLAIR LAKE AREA, ONTARIO, ABITIBI BEL
1710	238	P-199-78	48.41660 N	81.26666 W	SHAW TWP. ONTARIO, ABITIBI BELT
1720	244	2	0.00000	0.00000	NEWTON TWP., ONTARIO, ABITIBI BELT

INT2.TBL -- Table 7

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
10	PERIDOTITIC KOM	INTR	CENTRE OF SILL, OLIVINE COMPLETELY SERPENTINIZED	SILL, RANGE 9 CONC.6	Y
20	PERIDOTITIC KOM	INTR	MARGIN OF SILL, OLIVINE ALTERED	SILL, RANGE 9 CONC.6	Y
30	CLINOPYROXENITE	INTR		LAYERED SILL	Y
40	CLINOPYROXENITE	INTR		LAYERED SILL	Y
50	CLINOPYROXENITE	INTR	CLINOPYROXENE CUMULATES	LAYERED SILL	N
60	PYROXENITE	INTR	UPPERMOST PART OF SILL	DUNDONALD SILL, SUB-UNIT	?
70	PERIDOTITE	INTR	POIKILITIC OLIVINE, AUGITE MATRIX	DUNDONALD SILL	?
80		INTR		OVERLYING LENSES	?
90		INTR		OVERLYING LENSES	?
100		INTR		OVERLYING LENSES	?
110		INTR		OVERLYING LENSES	?
120		INTR		OVERLYING LENSES	?
130		INTR		OVERLYING LENSES	?
140		INTR		OVERLYING LENSES	?
150		INTR		OVERLYING LENSES	?
160		INTR		OVERLYING LENSES	?
170		INTR		OVERLYING LENSES	?
180		INTR		OVERLYING LENSES	?
190		INTR		OVERLYING LENSES	?
200	OLIVINE PERIDOTITE	INTR		OVERLYING LENSES	?
210		INTR		OVERLYING LENSES	?
220		INTR		OVERLYING LENSES	?
230	OLIVINE PERIDOTITE	INTR		OVERLYING LENSES	?
240		INTR		OVERLYING LENSES	?
250		INTR		OVERLYING LENSES	?
260		INTR		OVERLYING LENSES	?
270		INTR		OVERLYING LENSES	?
280		INTR		OVERLYING LENSES	?
290	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
300	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
310	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
320	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
330	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
340	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
350	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
360	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
370	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
380	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
390	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
400	PERIDOTITE	INTR	SUBHEDRAL OLIVINE, MATRIX OF AUGITE	OVERLYING LENSES	?
410	PERIDOTITE	INTR	CENTRE OF PORPHYRITIC DYKE, LARGE BLADED DIOPSIDE	KOMATI FM	
420	PERIDOTITE	INTR	CENTRE OF PORPHYRITIC DYKE, LARGE BLADED DIOPSIDE	KOMATI FM	
430	GABBRO	INTR	AMPHIBOLE RICH SILL		Y
440	PERIDOTITE	INTR	CENTRE OF PORPHYRITIC DYKE		Y
450	PERIDOTITE	INTR	SELVEDGE OF PORPHYRITC DYKE		Y
460	PERIDOTITIC KOM	INTR	PARTLY SERPENTINIZED DYKE	JAMESTOWN SCHIST BELT	Y
470	HBLD PERIDOTITE	INTR		CENTRE HILL SECTION	?
480	HBLD PERIDOTITE	INTR		CENTRE HILL SECTION	?
490	CLINOPYROXENITE	INTR	CUMULATE	CENTRE HILL SECTION	N
500	PERIDOTITE	INTR	CUMULATE	CENTRE HILL SECTION	N
510	PERIDOTITE	INTR	CUMULATE	CENTRE HILL SECTION	N
520	CLINOPYROXENITE	INTR	CUMULATE	CENTRE HILL SECTION	N
530	PERIDOTITE	INTR	CUMULATE	CENTRE HILL SECTION	N
540	CLINOPYROXENITE	INTR	CUMULATE	CENTRE HILL SECTION	N
550	CLINOPYROXENITE	INTR	CUMULATE	CENTRE HILL SECTION	N
560	PERIDOTITE	INTR	CUMULATE	GARRISON SILL	N
570	PERIDOTITE	INTR	CUMULATE	GARRISON SILL	N
580	PERIDOTITE	INTR	CUMULATE	GARRISON SILL	N
590	PERIDOTITE	INTR	CUMULATE	GHOST RANGE SILL	N
600	CLINOPYROXENITE	INTR	CUMULATE	GHOST RANGE SILL	N
610	PERIDOTITE	INTR	CUMULATE	GHOST RANGE SILL	N
620	META ULTRAMAFIC	INTR	ULTRAMAFIC, MASSIVE, MAGNETITE SERPENTINE ROCK		?
630	META ULTRAMAFIC	INTR	ULTRAMAFIC, FINE GRAIN, FOLIATED, TALC RICH		?
640	MELAGABBRO	INTR	COARSE GRAIN, MASSIVE, HORNBLEND CLINOPYROXENE	SOUTHERN GABBRO PLUTON	N
650	PYROXENITE	INTR	MEDIUM GRAIN, MASSIVE	SOUTHERN GABBRO PLUTON	?
660	PYROXENITE	INTR	LOWER ZONE ROAD		?
670	PYROXENITE	INTR	LOWER ZONE, SNARE LAKE		?
680	PYROXENITE	INTR	LOWER ZONE, ORTHOPYROXENE CUMULATE		N
690	DUNITE	INTR	FINE GRAIN, OLIVINE CUMULATE, MAGNETIC	LAYERED FLOW OR INTRUSION	N
700	PYROXENITE	INTR	DARK GREEN, GRADES INTO GABBRO	LAYERED FLOW OR INTRUSION	?
710	PERIDOTITE	INTR	MASSIVE, HIGHLY ALTERED, FG AND MG MAGNETIC		?
720	PYROXENITE	INTR	METAPYROXENITE		N
730	GABBRO	INTR	METAGABBRO		?
740	PYROXENITE	INTR	METAPYROXENITE		N
750	PYROXENITE	INTR	METAPYROXENITE		N
760	PYROXENITE	INTR	METAPYROXENITE		N
770	ULTRAMAFIC	INTR	ULTRAMAFIC, GREEN GREY, PORPHYROBLASTIC		N

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
780	PERIDOTITE	INTR	SERPENTINITE, FINE GRAINED		?
790	PERIDOTITE	INTR	MASSIVE PERIDOTITE, MAGNETITE, HORNBLEND		?
800	FELSIC	INTR		MAIN ORE ZONE	?
810	PYROXENITE	INTR		DISTRICT OF KENORA	?
820	PYROXENITE	INTR		DISTRICT OF KENORA	?
830	PERIDOTITE	INTR		DISTRICT OF KENORA	?
840	PYROXENITE	INTR		DISTRICT OF KENORA	?
850	PERIDOTITE	INTR	FINE GRAIN, MASSIVE, MAGNETIC		?
860	GABBRO	INTR	COARSE GRAIN		?
870	PERIDOTITE	INTR	DULL RED, EQUANT PRISMATIC CRYSTALS CARBONATIZED		?
880	PERIDOTITE	INTR		OLD MAN LAKE BODY	?
890	PERIDOTITE	INTR		OLD MAN LAKE BODY	?
900	GABBRO	INTR	PYROXENITE?		N
910	ULTRAMAFIC	INTR	CHLORITE CARBONATE SCHIST, ULTRAMAFIC DIKE		?
920	NORITE	INTR		DISTRICT OF KENORA	?
930	GABBRO	INTR	DARK GREEN, MEDIUM GRAIN		?
940	KOMATIITE	INTR	SHIST, CHLORITE, AMPHIBOLITE, TALC?,	CUT BY 9782	?
950	CHLORITE SCHIST	INTR	DIKE, CHLORITE, TALC, SCHISTOSE, SHEARED		?
960	DIABASE	INTR	FINE GRAINED, DARK GREENISH GREY		?
970	PERIDOTITE	INTR	BLACK, MASSIVE, MEDIUM-COARSE GRAIN		?
980	GABBRO	INTR	MEDIUM TO COARSE GRAIN, MAFIC TO ULTRAMAFIC		?
990	SERPENTINITE	INTR	SERPENTINIZED GABBRO, COARSE GRAIN, TALCOSE		?
1000	AMPHIBOLITE	INTR	BIOTITE, AMPHIBOLITE DIKES OR LAYERS, EQUIGRANULAR		?
1010	PYROXENITE	INTR	PYROXENITE, FINE AND EQUIGRANULAR, MASSIVE		N
1020	PERIDOTITE	INTR	PERIDOTITE, MEDIUM TO COARSE GRAIN, MASSIVE		?
1030	PERIDOTITE	INTR	PERIDOTITE, MEDIUM GRAIN, EQUIGRANULAR, MASSIVE		?
1040	PERIDOTITE	INTR	PYROXENITIC PERIDOTITE, MEDIUM GRAIN, EQUIGRANULAR		N
1050	PERIDOTITE	INTR	PERIDOTITE, MEDIUM GRAIN, EQUIGRANULAR, SHEAR ZONE		?
1060	PYROXENITE	INTR	PYROXENITE, MEDIUM GRAIN, MASSIVE		N
1070	PYROXENITE	INTR	PYROXENITE, FINE GRAIN, EQUIGRANULAR, MASSIVE.		N
1080	PYROXENITE	INTR	PYROXENITE, MEDIUM GRAIN, EQUIGRANULAR, MASSIVE		N
1090	GABBRO	INTR	GABBRO, MEDIUM GRAIN, EQUIGRANULAR, 20% PLAGIOCLAS		?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUI
1100	PYROXENITE	INTR	CLINOPYROXENITE, FINE TO MED GRAIN, TALCY SHEAR ZO		N
1110	PYROXENITE	INTR	SERPENTINIZED PYROXENITE, VISABLE RELICTS		N
1120	PYROXENITE	INTR	MASSIVE, CLOTTY LAYERING, AMPHIBOLITE PYROXENITE		N
1130	PERIDOTITE	INTR	CONTAINS MINIMUM 30-40 PERCENT PYROXENE		N
1140	PERIDOTITIC KOM	INTR	.5 TO 1MM GRAIN, STRONGLY MAGNETIC POOR FOLLIATION	LIGHTNING RIVER AREA	?
1150	PYROXENITE	INTR	DH.7,435FT. BLACK PYROXENITE.	LIGHTNING RIVER	N
1160	PERIDOTITIC KOM	INTR	DDH.G16,165FT. BLACK, FINE GRAINED ROCK	LIGHTNING RIVER AREA	?
1170	PERIDOTITIC KOM	INTR	DDH.G16,221FT., BLACK, FINE GRAINED ROCK	LIGHTNING RIVER AREA	?
1180	PERIDOTITIC KOM	INTR	DDH.13A,300+FT., DARK BLUISH GREY, TALC CHLORITE	LIGHTNING RIVER AREA	?
1190	PERIDOTITE	INTR	D11,2,398 FT., PERIDOTITE		?
1200	PERIDOTITE	INTR	D11,6,290 FT., SERPENTINIZED PERIDOTITE		?
1210	GABBRO	INTR	DH1,180 FT., LOOKS ULTRAMAFIC		?
1220	PERIDOTITE	INTR	DH1,190 FT., SERPENTINIZED PERIDOTITE		?
1230	SERPENTINITE	INTR	DH,91,314 FT., SERPENTINIZED SCHIST		?
1240	CHLORITE SCHIST	INTR	DH,91,407 FT., TALC CHLORITE SCHIST		?
1250	ULTRAMAFIC	INTR	DH,91,739 FT., ULTRAMAFIC		?
1260	PERIDOTITE	INTR	DARK GREEN TO BLACK, MAGNETIC, MED.TO COARSE GRAIN		?
1270	CARBONATITE	INTR	DOLOMITIC CENTER OF FIRESANDS CARBONATE		?
1280	DUNITE	INTR	DARK GREEN DUNITE		?
1290	GABBRO	INTR	MED TO DK GREEN, ALMOST SOLID PYROXENE.	KIRKLAND LAKE AREA	N
1300	MAFIC	INTR	OLIVE GREEN, SERPENTINE OR TALC, NON-MAGNETIC	KIRKLAND LAKE AREA	?
1310	GABBRO	INTR	GABBROIC, SOLID PYROXENE, SERPENTINE SLIPS	KIRKLAND LAKE AREA	N
1320	CHLORITE SCHIST	INTR	HOLE#3-171' TALC CHLORITE SCHIST, CARB & QTZ VEINS	KIRKLAND LAKE AREA	?
1330	CHLORITE SCHIST	INTR	HOLE#3-182' TALC CHLORITE SCHIST, QUARTZ	KIRKLAND LAKE AREA	?
1340	CHLORITE SCHIST	INTR	HOLE#3-224' NON MAGNETIC,TALC, QUARTZ	KIRKLAND LAKE AREA	?
1350	CHLORITE SCHIST	INTR	HOLE#3-274' PORPHYROBLASTIC, ALTERED ULTRAMAFIC	KIRKLAND LAKE AREA	N
1360	TALC SCHIST	INTR	HOLE#3-285' TALC SCHIST, FAULT GAUGE MATERIAL	KIRKLAND LAKE AREA	?
1370	CHLORITE SCHIST	INTR	HOLE#3-345' TALC CHLORITE SCHIST	KIRKLAND LAKE AREA	?

UNIQUE NUMBER	ROCK_NAME	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
1380	CHLORITE SCHIST	INTR	HOLE1,147.5' TALC CHLORITE SCHIST	KIRKLAND LAKE AREA	?
1390	CHLORITE SCHIST	INTR	HOLE1,166'. TALC CHLORITE SCHIST	KIRKLAND LAKE AREA	?
1400	CARBONATE	INTR	HOLE1,172.5'. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1410	CARBONATE	INTR	HOLE#1,175.5-176FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1420	CARBONATE	INTR	HOLE#1,186.5FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1430	CARBONATE	INTR	HOLE#1,195.5FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1440	CARBONATE	INTR	HOLE#1,198FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1450	CARBONATE	INTR	HOLE#1,199FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1460	CARBONATE	INTR	HOLE#1,201FT. DARKER GREEN CARBONATE	KIRKLAND LAKE AREA	?
1470	CARBONATE	INTR	HOLE#1,208FT. DARK GREEN CARBONATE	KIRKLAND LAKE AREA	?
1480	CARBONATE	INTR	HOLE#1,215FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1490	CARBONATE	INTR	HOLE#1,220-221FT. GREEN CARBONATE	KIRKLAND LAKE AREA	?
1500	ULTRAMAFIC	INTR	HOLE#1,225FT. GREEN CARBONATE, ULTRAMAFIC	KIRKLAND LAKE AREA	?
1510	ULTRAMAFIC	INTR	HOLE#1,231FT. TALCY ULTRAMAFIC	KIRKLAND LAKE AREA	?
1520	KIMBERLITE	INTR	UPPER CANADA KIMBERLITE	KIRKLAND LAKE AREA	?
1530	LAMPROPHYRE	INTR	2-4MM GRAIN, SCHISTOSE, LAMPROPHYRE, BIOTITE CHLOR	KIRKLAND LAKE AREA	?
1540	SYENITE	INTR	PORPHRY, DK GREY FELDSPARS, BLACK GROUNDMASS		M
1550	PORPHYRY FELDSPAR	INTR	GREY-GREEN-PINK, MAINLY FELDSPAR, 2-4MM		?
1560	GABBRO	INTR	BLACK, 5-6MM GRAIN, MAGNETIC, HORNBLENDITE		?
1570	PERIDOTITE	INTR	KAGINOT-ROCKMERE-MOOSETEGON CROSS-SECTION		?
1580	ULTRAMAFIC	INTR	FINE-GRAINED, NON-FOLIATED, SPINIFEX		?
1590	ULTRAMAFIC	INTR	MASSIVE, POLYSUTURED, SERPENTINIZED		?
1600	ULTRAMAFIC	INTR	MASSIVE, 3 ft FROM BASE OF FLOW, SERPENTINIZED		?
1610	ULTRAMAFIC	INTR	SPINIFEX, UPPER PART OF FLOW OVERLYING P-2-72		?
1620	PERIDOTITE	INTR			?
1630	PERIDOTITE	INTR			?
1640	PERIDOTITE	INTR			?
1650	PERIDOTITE	INTR			?
1660	PERIDOTITE	INTR			?
1670	PERIDOTITE	INTR			?
1680	PERIDOTITE	INTR	CARBONATED ROCK		?
1690	PERIDOTITE	INTR			?

UNIQUE ROCK_NAME NUMBER	MATERIAL	DESCRIPTION	COMMENTS	LIQUID
				?
1700 SERPENTINITE	INTR			N
1710 GABBRO	INTR	PYROXENITIC, MASSIVE, MEDIUM TO COARSE GRAIN		Y
1720 UM DYKE	INTR	BLACK,REDISH WEATHERING, FINE GRAIN, POLYSUTURED		

INT3.TBL - Table 8

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
10	42.00	5.92	.	10.20	28.40	5.60	0.04	0.05	0.28	.	0.19	.	0.08	.	.	7.00	99.8
20	44.60	6.80	.	11.20	26.30	6.10	0.08	0.04	0.34	.	0.13	.	0.70	.	.	4.00	99.8
30	43.20	2.20	9.81	4.84	38.31	1.31	0.01	0.01	0.20	-9.99	0.12	.	.	10.30	.	.	.
40	44.21	2.33	9.57	5.28	34.70	4.16	0.02	.	0.18	-9.99	0.20	.	.	5.80	.	.	.
50	50.76	2.75	-9.99	6.54	18.68	21.17	0.15	0.04	0.20	.	0.19	.	.	1.66	.	.	.
60	53.90	4.66	1.44	8.05	13.01	16.84	1.21	.	0.61	.	0.21	.	.	.	.	.	.
70	36.20	1.10	15.10	.	33.50	-0.10	-0.50	0.10	0.21	.	0.21	.	.	.	.	.	.
80	38.30	3.90	10.50	.	30.10	5.40	.	.	0.15	.	0.18	.	.	.	.	9.85	.
90	41.20	4.90	12.10	.	28.00	4.50	.	.	0.29	.	0.15	.	.	.	.	8.51	.
100	40.15	4.00	8.15	.	30.50	5.65	.	.	0.16	.	0.19	.	.	.	.	10.98	.
110	44.50	6.60	11.40	.	20.60	9.75	.	.	0.50	.	0.16	.	.	.	.	5.64	.
120	43.30	7.60	11.70	.	22.50	7.40	.	.	0.39	.	0.15	.	.	.	.	6.06	.
130	37.30	2.40	10.85	.	34.75	0.21	.	.	0.10	.	0.14	.	.	.	.	12.64	.
140	39.50	3.75	9.10	.	31.10	2.25	.	.	0.20	.	0.19	.	.	.	.	11.68	.
150	40.20	3.65	9.15	.	33.90	3.42	.	.	0.06	.	0.15	.	.	.	.	8.44	.
160	42.60	5.55	10.05	.	26.70	5.70	.	.	0.27	.	0.18	.	.	.	.	7.66	.
170	40.80	6.60	11.25	.	24.30	5.60	.	.	0.38	.	0.20	.	.	.	.	8.88	.
180	41.25	6.05	11.15	.	26.40	4.50	.	.	0.32	.	0.20	.	.	.	.	8.88	.
190	41.30	8.90	13.50	.	20.80	6.90	.	.	0.49	.	0.20	.	.	.	.	6.87	.
200	39.60	3.00	8.15	.	35.90	1.95	.	.	0.18	.	0.12	.	.	.	.	10.34	.
210	49.00	9.75	10.90	.	12.00	11.55	.	.	0.50	.	0.15	.	.	.	.	2.35	.
220	42.30	5.15	10.35	.	28.10	4.80	.	.	0.28	.	0.13	.	.	.	.	7.27	.
230	39.75	2.70	8.25	.	35.80	1.40	.	.	0.15	.	0.10	.	.	.	.	11.19	.
240	39.90	1.63	11.25	.	37.60	0.10	.	.	0.08	.	0.09	.	.	.	.	12.38	.
250	37.50	1.85	10.00	.	37.50	.	.	.	0.09	.	0.12	.	.	.	.	10.22	.
260	38.75	2.10	7.85	.	38.10	.	.	.	0.09	.	0.13	.	.	.	.	12.25	.
270	41.00	4.90	10.70	.	28.50	2.30	.	.	0.32	.	0.11	.	.	.	.	12.24	.
280	37.40	2.03	7.40	.	37.95	.	.	.	0.11	.	0.09	.	.	.	.	12.88	.
290	37.90	2.74	4.36	2.80	34.90	0.95	0.03	0.02	0.16	.	0.16	0.30	0.05	13.18	.	.	.
300	38.30	2.75	3.26	2.70	36.60	1.13	0.02	0.02	0.19	.	0.14	0.30	0.05	12.82	.	.	.
310	39.20	2.50	5.25	5.40	33.90	1.68	0.03	0.03	0.14	.	0.16	0.20	0.07	11.75	.	.	.
320	40.90	3.35	2.65	3.70	32.90	3.12	0.03	0.05	0.25	.	0.18	0.20	0.09	11.38	.	.	.
330	41.60	4.05	2.65	4.40	31.50	5.00	0.05	0.03	0.23	.	0.18	0.10	0.11	10.22	.	.	.
340	37.40	2.42	9.35	.	35.50	0.38	.	.	0.15	.	0.16	.	.	12.62	.	.	.
350	37.80	2.73	7.20	.	36.00	1.30	.	0.06	0.17	.	0.16	.	.	12.38	.	.	.
360	40.70	2.87	6.60	.	34.70	1.80	.	0.09	0.16	.	0.15	.	.	12.02	.	.	.
370	38.00	2.40	9.50	.	34.90	0.84	.	.	0.14	.	0.13	.	.	12.38	.	.	.
380	41.80	4.00	6.05	.	31.80	5.10	.	0.05	0.24	.	0.18	.	.	10.34	.	.	.
390	40.65	3.40	9.25	.	31.80	3.62	.	.	0.20	.	0.18	.	.	10.61	.	.	.
400	36.60	2.30	11.70	.	33.00	0.79	.	.	0.10	.	0.15	.	.	13.58	.	.	.
410	41.10	2.10	6.02	3.24	31.46	2.34	0.10	0.04	.	.	.	.	.	9.86	0.17	.	98.40
420	43.40	2.70	5.85	4.39	29.12	4.14	0.23	0.06	.	.	.	.	.	7.96	0.15	.	98.00
430	44.40	8.75	10.84	.	20.20	7.78	1.04	0.04	0.48	.	0.19	.	.	4.60	0.38	.	.
440	41.10	2.91	10.61	.	32.10	2.56	0.07	0.03	0.10	.	0.17	.	.	9.13	1.02	.	.
450	40.00	3.15	9.85	.	32.70	2.20	0.03	0.03	0.14	.	0.16	.	.	9.79	1.09	.	99.8
460	36.84	4.58	3.96	6.40	31.24	0.14	0.03	0.03	.	.	.	.	.	11.20	0.24	.	.
470	47.41	6.42	1.25	12.76	21.90	8.42	0.76	0.10	0.74	0.05	0.19	.	.	.	.	.	.
480	45.44	4.32	1.25	12.33	29.35	5.98	0.56	0.02	0.53	0.02	0.19	.	.	.	.	.	.
490	51.47	4.30	1.52	8.16	16.34	16.64	0.81	0.03	0.53	0.01	0.19	.	.	.	.	.	.
500	42.85	2.25	1.25	15.15	34.73	3.24	0.05	0.01	0.23	0.01	0.23	.	.	.	.	.	.

UNIQUE NUMBER	SIO2	AL2O3	FE2O3	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
510	43.33	2.26	1.25	15.09	33.78	3.67	0.04	0.01	0.30	0.02	0.24	.	.	.	.	.	.
520	51.97	3.08	1.36	6.72	17.36	18.48	0.39	.	0.46	0.01	0.17	.	.	.	.	.	.
530	43.97	1.90	1.25	15.77	34.22	2.24	0.04	0.03	0.25	0.02	0.30	.	.	.	.	.	.
540	50.91	4.35	1.56	9.22	15.32	17.07	0.65	0.03	0.68	.	0.21	.	.	.	.	.	.
550	52.49	5.16	0.54	9.19	13.15	16.61	1.68	0.10	0.84	0.04	0.19	.	.	.	.	.	.
560	45.09	2.74	1.25	4.89	45.54	0.16	.	.	0.17	0.02	0.13	.	.	.	.	.	.
570	43.72	3.05	1.25	8.42	41.90	1.29	0.02	.	0.15	0.01	0.18	.	.	.	.	.	.
580	45.10	3.50	1.25	9.60	32.08	8.02	0.05	.	0.19	0.01	0.19	.	.	.	.	.	.
590	43.29	5.08	1.25	10.43	35.62	3.95	0.06	.	0.12	0.01	0.18	.	.	.	.	.	.
600	51.03	5.32	0.62	6.60	19.79	13.87	0.32	.	0.29	0.01	0.15	.	.	.	.	.	.
610	45.27	5.68	1.25	10.67	31.33	4.96	0.15	0.16	0.32	0.02	0.19	.	.	.	.	.	.
620	39.10	2.43	3.75	7.70	29.10	3.61	.	0.01	0.30	0.03	0.11	5.30	.	8.11	0.03	13.00	99.60
630	37.10	2.28	6.24	5.91	24.60	6.78	.	0.01	0.27	0.02	0.12	13.40	.	2.04	.	15.30	98.80
640	48.50	9.09	8.33	.	11.30	17.40	1.14	1.21	0.91	0.14	0.12	1.18	0.01	.	.	2.00	99.33
650	48.30	6.28	9.32	.	12.50	18.60	0.78	0.67	0.89	0.26	0.15	1.06	0.03	.	.	1.80	98.84
660	50.00	3.55	19.10	.	18.70	5.71	0.38	0.05	0.75	0.01	0.32	0.05	0.19	.	.	-0.10	98.50
670	49.40	8.41	16.20	.	14.30	7.81	0.94	0.03	0.48	0.01	0.31	0.19	0.16	.	.	0.40	98.30
680	52.00	4.11	19.20	.	19.80	3.70	0.25	0.08	0.65	.	0.33	0.06	0.15	.	.	-0.20	99.90
690	36.20	2.12	14.60	6.23	28.20	2.76	.	0.01	0.52	.	0.28	0.11	0.02	7.02	0.60	8.00	98.70
700	49.60	4.93	2.70	8.91	12.60	17.70	0.91	0.08	0.93	0.03	0.18	0.78	0.02	0.49	0.55	1.30	100.40
710	42.60	6.32	1.36	11.20	23.70	3.50	2.21	0.06	0.28	0.01	0.19	3.26	0.06	5.32	0.08	7.40	100.10
720	44.90	7.45	2.30	10.80	21.10	6.69	.	0.07	0.44	.	0.24	0.09	0.05	4.61	0.20	5.40	98.90
730	47.80	5.67	4.17	9.48	23.30	3.99	0.12	0.05	0.53	.	0.19	0.11	0.11	4.67	0.14	4.90	100.30
740	45.70	4.95	5.70	9.07	24.50	2.64	0.04	0.04	0.48	.	0.16	0.10	0.60	6.07	0.15	6.10	100.20
750	46.00	8.59	2.10	9.56	19.00	5.70	0.91	0.29	0.61	.	0.17	0.17	0.02	4.77	0.34	4.90	98.20
760	42.70	4.85	5.90	9.32	26.50	1.98	.	.	0.44	.	0.17	1.66	0.06	6.25	0.13	8.60	100.00
770	38.80	2.78	14.20	.	31.00	1.95	0.02	.	0.40	.	0.14	0.33	0.01	.	.	11.10	100.40
780	45.50	6.01	11.10	.	23.50	7.96	.	.	0.26	.	0.20	0.42	.	.	.	6.20	100.70
790	41.70	4.46	14.80	.	26.50	4.93	.	0.03	0.22	0.02	0.20	0.19	0.14	.	.	6.30	93.19
800	39.10	5.98	2.20	9.67	23.30	7.24	0.07	.	0.32	.	0.19	5.86	0.74	5.35	0.06	10.30	100.10
810	43.20	9.47	1.81	9.18	24.40	5.14	.	.	0.35	.	0.17	0.04	0.01	4.76	0.26	.	98.80
820	44.70	6.13	1.68	9.02	27.20	3.97	0.01	0.01	0.30	0.02	0.21	0.96	0.02	4.81	0.30	.	99.30
830	42.80	5.82	2.07	8.13	30.70	1.37	.	.	0.27	0.01	0.14	1.75	0.07	5.55	0.45	.	99.10
840	41.80	4.84	3.89	4.99	29.70	5.52	.	.	0.21	0.01	0.16	0.92	0.05	6.86	0.50	.	99.50
850	38.20	4.16	13.50	.	29.10	3.71	0.10	0.05	0.25	.	0.20	0.45	0.02	.	.	9.80	99.30
860	48.50	8.57	8.91	.	15.00	10.60	1.89	1.50	0.56	0.22	0.14	1.07	0.27	.	.	2.70	98.50
870	42.60	8.05	2.12	8.90	20.80	8.08	0.31	0.04	0.54	0.03	0.10	0.20	0.05	6.66	0.24	6.30	98.70
880	36.50	2.02	16.80	.	32.50	0.62	.	0.03	0.46	0.06	0.21	0.24	0.03	.	.	10.70	89.47
890	39.30	2.13	20.40	.	24.80	3.84	.	0.03	0.46	0.04	0.27	2.90	0.06	.	.	8.80	94.23
900	45.00	7.58	14.30	.	15.70	9.87	0.42	0.31	1.48	0.06	0.25	1.54	0.09	.	.	3.50	98.5
910	43.37	5.91	10.29	.	18.00	7.16	.	0.04	0.39	0.10	0.18	.	.	.	.	14.60	100.0
920	45.80	9.77	20.00	.	10.90	8.41	0.96	0.04	2.16	0.06	0.33	0.11	0.08	.	.	.	98.6
930	51.50	8.58	11.30	.	10.90	11.40	2.07	0.21	0.98	0.06	0.19	0.15	0.01	.	.	0.90	99.0
940	48.30	7.67	2.36	7.42	19.80	7.14	.	2.09	0.47	.	0.16	0.25	.	3.82	0.02	2.40	99.5
950	50.40	5.86	2.21	8.00	16.70	10.90	0.66	1.08	0.33	.	0.25	0.07	0.01	2.52	0.03	1.70	99.0
960	47.20	7.49	2.75	9.35	19.10	5.04	0.16	0.80	1.43	0.19	0.42	0.47	0.02	4.96	0.12	5.40	99.5
970	41.30	3.26	5.60	9.43	30.00	2.47	0.34	0.01	0.22	.	0.26	0.10	0.01	7.26	0.04	7.00	100.1
980	44.40	7.89	4.55	7.70	21.60	5.81	0.27	.	0.30	0.04	0.16	0.10	0.21	.	.	5.30	98.5
990	36.30	1.83	11.00	.	32.50	3.22	.	.	0.20	0.01	0.15	5.11	0.05	.	.	14.20	90.3
1000	47.90	7.80	14.80	.	13.50	12.50	0.66	0.04	0.96	0.13	0.21	0.20	0.02	.	.	1.40	99.1

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA20	K20	TIO2	P205	MNO	CO2	S H20 +	H20 -	L.O.I.	TOTAL
1010	40.10	5.00	15.70	.	29.20	3.09	.	.	0.20	0.04	0.21	0.29	0.02	.	.	7.10	93.85
1020	40.50	5.63	13.50	.	28.60	3.58	0.03	.	0.22	0.04	0.20	0.29	0.02	.	.	8.40	92.5[illegible]
1030	42.70	4.24	13.00	.	29.30	2.07	.	.	0.24	0.02	0.18	0.17	0.02	.	.	8.40	91.9[illegible]
1040	48.10	8.75	12.20	.	17.60	6.78	0.46	.	0.30	0.03	0.18	0.80	0.01	.	.	9.50	95.21
1050	41.30	5.88	11.10	.	29.40	3.97	.	0.02	0.21	0.03	0.22	0.60	0.03	.	.	9.00	92.7[illegible]
1060	48.40	6.29	12.50	.	24.10	5.99	0.17	0.04	0.23	0.04	0.22	0.33	0.03	.	.	2.10	98.3[illegible]
1070	40.50	4.65	13.50	.	26.60	3.27	0.16	.	0.27	0.04	0.19	3.17	0.03	.	.	10.50	92.38
1080	39.50	4.57	13.90	.	27.40	3.37	0.17	.	0.28	0.05	0.21	0.99	0.04	.	.	9.00	90.48
1090	49.00	8.64	12.50	.	18.00	6.63	0.27	.	0.31	0.04	0.19	0.43	0.01	.	.	5.30	96.[illegible]
1100	47.10	6.51	11.30	.	20.00	6.12	0.30	.	0.26	0.04	0.20	4.21	0.02	.	.	8.90	96.[illegible]
1110	40.20	5.80	15.10	.	25.60	4.82	0.26	0.01	0.32	0.03	0.22	0.20	0.04	.	.	6.70	92.60
1120	48.30	4.11	13.00	.	15.80	13.70	0.26	0.01	0.69	0.04	0.22	2.62	0.02	.	.	4.50	100.[illegible]
1130	39.00	8.80	13.30	.	26.70	3.47	.	.	0.39	0.04	0.19	0.59	0.01	.	.	8.50	100.[illegible]
1140	43.70	6.59	11.00	.	24.00	6.29	0.54	0.14	0.48	.	0.18	6.90	.	.	.	.	98.[illegible]
1150	40.90	5.34	11.30	.	27.60	4.84	0.95	0.46	0.35	0.02	0.17	.	.	.	.	6.40	98.[illegible]
1160	48.20	5.75	14.50	.	18.70	6.13	2.72	0.98	1.06	0.09	0.21	.	.	.	.	1.50	98.[illegible]
1170	48.40	5.55	13.50	.	19.30	6.91	2.47	1.14	1.09	0.09	0.20	.	.	.	.	0.50	99.[illegible]
1180	42.00	6.84	10.80	.	24.20	6.22	0.18	0.02	0.44	0.02	0.17	.	.	.	.	7.50	98.5[illegible]
1190	40.30	5.14	9.87	.	29.90	4.89	0.30	0.05	0.27	0.03	0.18	.	.	.	.	9.20	100.[illegible]
1200	37.50	9.02	14.60	.	25.30	4.65	0.40	0.15	0.34	0.01	0.16	.	.	.	.	8.30	100.[illegible]
1210	47.90	6.79	8.33	.	19.50	13.00	0.63	0.12	0.30	0.02	0.15	.	.	.	.	3.60	100.40
1220	40.90	4.95	13.10	.	30.60	2.30	0.12	0.01	0.24	0.02	0.16	.	.	.	.	8.60	101.[illegible]
1230	38.50	5.75	9.45	.	20.60	9.49	0.64	0.50	0.34	0.01	0.21	.	.	.	.	15.30	100.[illegible]
1240	44.50	5.74	10.20	.	25.30	4.85	0.44	0.39	0.34	0.02	0.12	.	.	.	.	8.30	100.[illegible]
1250	39.80	5.09	11.10	.	27.50	4.46	0.06	0.20	0.37	0.01	0.13	.	.	.	.	12.10	100.80
1260	37.50	4.72	15.50	.	26.10	9.21	0.24	0.14	0.45	.	0.25	.	.	.	.	5.20	99.[illegible]
1270	31.00	5.32	8.38	.	10.60	13.10	0.32	4.19	1.85	0.91	0.39	23.40	0.03	.	.	.	99.[illegible]
1280	42.10	7.55	12.00	.	25.00	5.74	0.14	0.03	0.44	.	0.20	.	.	.	.	7.00	100.20
1290	48.00	8.92	15.10	.	14.60	8.48	0.63	0.06	0.68	0.08	0.23	.	.	.	.	3.70	100.[illegible]
1300	45.70	5.93	7.73	.	12.90	10.70	0.02	0.20	0.30	0.05	0.24	.	.	.	.	17.80	101.[illegible]
1310	48.60	9.44	15.20	.	13.90	6.50	1.52	0.05	0.77	0.08	0.24	.	.	.	.	4.10	100.40
1320	43.50	9.16	2.83	7.89	23.80	1.59	.	4.07	0.49	0.06	0.06	.	0.02	.	.	6.70	100.10
1330	31.90	5.67	0.88	7.48	21.00	5.26	0.01	1.57	0.28	0.04	0.13	.	0.01	.	.	26.50	100.[illegible]
1340	39.40	8.76	3.46	8.05	23.90	3.33	.	2.24	0.47	0.04	0.12	.	0.25	.	.	10.30	100.[illegible]
1350	41.90	9.28	3.74	5.04	11.10	8.78	2.98	3.56	0.84	0.88	0.16	.	0.13	.	.	12.20	100.60
1360	37.90	4.95	4.53	4.39	24.90	7.56	.	0.75	0.27	0.06	0.20	.	0.11	.	.	15.70	101.70
1370	48.70	6.33	3.36	6.25	27.30	0.09	.	1.91	0.26	0.05	0.05	.	0.27	.	.	5.70	100.[illegible]
1380	45.30	6.92	2.78	5.77	21.30	4.09	0.53	3.00	0.64	0.81	0.10	.	0.90	.	.	7.10	99.[illegible]
1390	36.20	4.97	1.29	6.82	21.90	7.98	.	0.24	0.24	0.05	0.19	.	0.07	.	.	20.80	100.70
1400	35.30	6.03	0.96	7.47	19.20	3.66	.	2.14	0.36	0.06	0.13	.	0.13	.	.	25.40	100.[illegible]
1410	34.90	6.11	1.08	7.65	19.40	3.54	.	2.06	0.38	0.06	0.13	.	0.06	.	.	26.10	100.[illegible]
1420	32.40	7.95	1.28	8.30	17.20	4.87	.	2.87	0.47	0.06	0.14	.	0.12	.	.	25.30	101.00
1430	33.40	6.67	1.20	7.32	16.50	7.74	.	2.14	0.39	0.05	0.16	.	0.08	.	.	25.70	100.40
1440	38.40	6.21	0.59	7.55	15.40	7.65	0.31	1.20	0.39	0.06	0.15	.	0.02	.	.	22.90	100.70
1450	37.40	6.14	1.00	7.72	15.50	6.89	0.20	1.13	0.42	0.06	0.15	.	0.01	.	.	23.20	99.80
1460	33.90	7.30	0.87	8.20	16.50	9.54	.	0.72	0.46	0.07	0.17	.	0.05	.	.	22.90	100.70
1470	36.90	7.13	1.50	7.48	17.10	7.72	0.64	0.31	0.43	0.06	0.15	.	0.01	.	.	21.60	100.[illegible]
1480	36.10	7.66	1.06	8.05	16.70	7.40	0.57	0.58	0.47	0.07	0.16	.	0.01	.	.	21.60	100.40
1490	39.20	8.86	1.16	8.95	15.40	6.90	1.17	0.14	0.54	0.07	0.16	.	0.01	.	.	17.60	100.20
1500	40.50	6.80	1.69	8.20	23.40	2.92	.	.	0.42	0.06	0.12	.	0.24	.	.	16.00	100.40

UNIQUE NUMBER	SIO2	AL203	FE203	FEO	MGO	CAO	NA2O	K2O	TIO2	P2O5	MNO	CO2	S	H2O +	H2O -	L.O.I.	TOTAL
1510	41.40	8.67	1.53	7.89	23.30	4.41	0.16	.	0.41	0.06	0.12	.	0.11	.	.	14.10	100.20
1520	29.50	2.70	5.07	3.82	24.80	12.20	0.57	2.31	2.05	1.01	0.20	.	0.13	.	.	15.60	100.00
1530	44.60	9.13	8.85	.	13.70	9.42	0.96	3.61	0.80	0.99	0.14	.	.	.	.	8.40	100.60
1540	36.90	5.10	9.06	.	21.90	7.22	0.01	0.01	0.24	0.02	0.14	17.10	0.17	.	.	.	100.20
1550	42.20	7.78	10.90	.	24.20	7.07	0.01	0.02	0.39	0.03	0.21	0.12	0.05	.	.	.	99.20
1560	45.40	8.45	11.40	.	11.30	15.70	1.13	0.82	0.91	.	0.24	3.60	.	.	.	.	98.90
1570	36.80	3.51	18.00	.	29.60	3.45	0.01	0.01	0.54	0.06	0.24	1.99	0.02	.	.	.	94.23
1580	43.50	7.68	2.99	8.55	19.80	8.73	1.60	0.12	0.49	0.18	0.24	0.16	0.01	4.12	0.08	.	98.20
1590	41.10	5.07	3.04	6.70	30.60	4.38	0.35	0.02	0.30	0.07	0.19	0.59	0.04	7.21	0.06	.	99.70
1600	41.40	3.80	5.45	3.84	30.50	3.37	0.40	0.02	0.26	0.18	0.20	0.23	0.01	9.16	0.06	.	98.90
1610	41.30	7.68	5.05	7.15	24.20	7.06	0.73	0.05	0.49	0.11	0.19	0.10	0.03	5.05	0.05	.	99.23
1620	41.00	6.37	10.20	.	23.70	7.03	0.05	.	0.36	0.03	0.16	5.72	.	.	.	.	94.60
1630	39.30	4.06	10.00	.	33.10	2.09	.	.	0.25	0.02	0.11	2.82	0.07	.	.	.	91.80
1640	44.80	6.04	9.72	.	17.70	7.22	.	.	0.23	0.02	0.19	11.60	0.01	.	.	.	97.60
1650	34.30	4.18	9.22	.	30.70	6.06	.	.	0.26	0.02	0.19	9.48	0.09	.	.	.	94.50
1660	41.70	4.63	10.00	.	27.20	3.64	.	.	0.20	0.02	0.12	9.11	0.43	.	.	.	97.10
1670	44.10	6.27	12.00	.	22.90	6.05	.	.	0.27	0.02	0.22	4.89	.	.	.	.	96.70
1680	32.40	6.82	7.46	.	14.90	12.20	.	1.14	0.21	0.01	0.24	24.60	0.02	.	.	.	100.00
1690	36.00	3.79	9.21	.	32.20	0.42	.	.	0.22	0.02	0.09	15.30	0.12	.	.	.	97.40
1700	45.60	6.14	4.32	4.19	26.02	8.18	0.15	0.04	0.31	0.03	0.13	1.53	0.04	2.76	0.56	.	100.00
1710	44.20	8.92	12.30	.	20.40	8.59	0.66	0.04	0.49	0.04	0.21	0.07	0.04	.	.	4.30	100.30
1720	43.10	7.02	.	10.60	22.90	6.70	0.29	0.10	0.44	0.05	0.38	.	.	.	.	6.62	100.40

INT4.TBL -- Table 9

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO
10	.	.	.	.	.	108.7	1734.1	.	.	.	1504.9	.	2.0	.	.	.	.
20	.	.	.	.	.	102.4	2411.7	.	.	.	1137.9	.	4.9	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
50	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
60	.	.	.	.	.	130.0	51.0	210.0	.	.	65.2	.	.	.	.	.	.
70	.	.	.	.	.	160.0	6842.0	7.0	.	.	2878.9	.	.	.	.	.	.
80	.	.	.	.	.	.	2600.0	.	.	.	1897.3	.	.	.	.	.	.
90	.	.	.	.	.	.	3968.4	.	.	.	1335.9	.	.	.	.	.	.
100	.	.	.	.	.	.	1231.6	.	.	.	1728.8	.	.	.	.	.	.
110	.	.	.	.	.	.	3421.0	.	.	.	550.1	.	.	.	.	.	.
120	.	.	.	.	.	.	4310.5	.	.	.	1335.9	.	.	.	.	.	.
130	.	.	.	.	.	.	2121.0	.	.	.	2278.8	.	.	.	.	.	.
140	.	.	.	.	.	.	2326.3	.	.	.	2671.7	.	.	.	.	.	.
150	.	.	.	.	.	.	2326.3	.	.	.	2514.6	.	.	.	.	.	.
160	.	.	.	.	.	.	2736.8	.	.	.	1414.4	.	.	.	.	.	.
170	.	.	.	.	.	.	3626.3	.	.	.	1178.7	.	.	.	.	.	.
180	.	.	.	.	.	.	3763.1	.	.	.	1414.4	.	.	.	.	.	.
190	.	.	.	.	.	.	2805.2	.	.	.	864.4	.	.	.	.	.	.
200	.	.	.	.	.	.	2326.3	.	.	.	3693.3	.	.	.	.	.	.
210	.	.	.	.	.	.	1026.3	.	.	.	157.2	.	.	.	.	.	.
220	.	.	.	.	.	.	3147.3	.	.	.	2278.8	.	.	.	.	.	.
230	.	.	.	.	.	.	2052.6	.	.	.	3143.2	.	.	.	.	.	.
240	.	.	.	.	.	.	2326.3	.	.	.	3614.7	.	.	.	.	.	.
250	.	.	.	.	.	.	2531.5	.	.	.	3143.2	.	.	.	.	.	.
260	.	.	.	.	.	.	2052.6	.	.	.	1885.9	.	.	.	.	.	.
270	.	.	.	.	.	.	2121.0	.	.	.	2278.8	.	.	.	.	.	.
280	.	.	.	.	.	.	2463.1	.	.	.	5264.9	.	.	.	.	.	.
290	.	.	.	.	.	60.0	9999.9	.	.	.	2514.6	.	.	.	.	.	.
300	.	.	.	.	.	51.0	8963.0	.	.	.	2514.6	.	.	.	.	.	.
310	.	.	.	.	.	81.0	2531.5	.	.	.	2278.8	.	.	.	.	.	.
320	.	.	.	.	.	40.0	2189.4	.	.	.	2357.4	.	.	.	.	.	.
330	.	.	.	.	.	43.0	3284.2	.	.	.	2043.1	.	.	.	.	.	.
340	.	.	.	.	.	100.0	9999.9	.	.	.	2514.6	.	.	.	.	.	.
350	.	.	.	.	.	80.0	9999.9	.	.	.	2828.9	.	.	.	.	.	.
360	.	.	.	.	.	88.0	2326.3	.	.	.	2671.7	.	.	.	.	.	.
370	.	.	.	.	.	81.0	2463.1	.	.	.	2750.3	.	.	.	.	.	.
380	.	.	.	.	.	85.0	2463.1	.	.	.	2436.0	.	.	.	.	.	.
390	.	.	.	.	.	88.0	2326.3	.	.	.	2750.3	.	.	.	.	.	.
400	.	.	.	.	.	950.0	3284.2	.	.	.	2514.6	.	.	.	.	.	.
410	.	.	.	.	.	.	.	.	.	.	1493.0	.	.	.	.	.	.
420	.	.	.	.	.	.	.	.	.	.	1179.0	.	.	.	.	.	.
430	.	.	-1.0	12.0	.	115.0	2053.0	49.0	.	.	943.0	.	4.5	.	.	79.0	.
440	.	.	1.0	4.5	.	255.0	4310.0	32.0	.	.	1572.0	.	2.5	.	.	94.0	.
450	.	.	3.0	4.6	.	180.0	3695.0	31.0	.	.	1650.0	.	-1.5	.	.	86.0	.
460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CD	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	BE
510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
610	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
620	-2.0	25.0	2.0	10.0	-1.0	98.0	2660.0	6.0	.	-3.0	1960.0	-10.0	.	8.0	.	78.0	.	-1.
630	-2.0	130.0	5.0	10.0	1.0	85.0	2450.0	10.0	.	-3.0	1810.0	-10.0	.	13.0	.	125.0	.	-1.
640	.	.	.	210.0	.	32.0	104.0	35.0	.	24.0	108.0	11.0	.	.	.	64.0	.	.
650	.	.	.	100.0	.	31.0	267.0	11.0	.	42.0	107.0	12.0	.	.	.	72.0	.	.
660	.	.	.	20.0	.	84.0	1140.0	435.0	.	-3.0	445.0	-10.0	.	.	.	140.0	.	1.
670	.	.	.	30.0	.	56.0	890.0	122.0	.	3.0	355.0	255.0	.	.	.	142.0	.	1.
680	.	.	.	.	.	86.0	810.0	280.0	.	.	450.0	-10.0	.	.	.	170.0	.	1.
690	.	.	.	60.0	.	158.0	4000.0	106.0	.	8.0	1960.0	-10.0	.	.	.	100.0	-5.0	.
700	.	.	.	90.0	.	62.0	980.0	162.0	.	8.0	265.0	-10.0	.	.	.	97.0	-5.0	.
710	.	.	.	30.0	.	103.0	2360.0	18.0	.	3.0	730.0	210.0	.	.	.	110.0	-10.0	
720	.	.	.	50.0	.	108.0	1860.0	320.0	.	5.0	1200.0	-10.0	.	.	.	136.0	-10.0	
730	.	.	.	40.0	.	123.0	1340.0	127.0	.	-3.0	970.0	-10.0	.	.	.	82.0	-10.0	
740	.	.	.	20.0	.	205.0	1440.0	1000.0	.	-3.0	3320.0	-10.0	.	.	.	96.0	-10.0	
750	.	.	.	100.0	.	81.0	1680.0	17.0	.	10.0	730.0	-10.0	.	.	.	104.0	-10.0	
760	.	.	.	30.0	.	140.0	835.0	58.0	.	-3.0	1300.0	-10.0	.	.	.	96.0	-10.0	
770	.	30.0	70.0	20.0	.	106.0	1640.0	6.0	-20.0	8.0	2120.0	-10.0	.	1.0	.	38.0	.	
780	.	-10.0	40.0	30.0	.	78.0	2570.0	6.0	-20.0	6.0	915.0	-10.0	.	2.0	.	18.0	.	
790	.	.	.	30.0	.	96.0	4360.0	54.0	.	4.0	1100.0	86.0	.	.	.	103.0	.	-1
800	-2.0	10.0	85.0	20.0	.	88.0	3620.0	117.0	.	4.0	865.0	-10.0	.	6.0	.	77.0	-10.0	
810	-1.0	.	.	40.0	.	80.0	3320.0	7.0	.	4.0	1000.0	-10.0	.	.	.	90.0	-1.0	-1
820	-1.0	.	.	30.0	.	75.0	2640.0	8.0	.	-3.0	1220.0	-10.0	.	.	.	125.0	-1.0	-1
830	-1.0	.	.	30.0	.	80.0	2820.0	20.0	.	-3.0	1020.0	-10.0	.	.	.	85.0	-1.0	-1
840	-1.0	.	.	40.0	.	85.0	2600.0	30.0	.	-3.0	1320.0	-10.0	.	.	.	65.0	-1.0	-1
850	.	.	.	30.0	.	119.0	3890.0	6.0	.	-3.0	1330.0	-10.0	.	.	.	83.0	.	-1
860	.	.	.	380.0	.	42.0	1300.0	54.0	.	19.0	290.0	-10.0	.	.	.	92.0	.	-1
870	.	.	-2.0	.	.	88.0	3680.0	36.0	.	.	1200.0	-10.0	.	.	.	89.0	.	-1
880	.	.	.	20.0	.	134.0	3680.0	74.0	.	4.0	2220.0	41.0	.	.	.	90.0	.	
890	.	.	.	40.0	.	141.0	1670.0	182.0	.	-3.0	1600.0	69.0	.	.	.	106.0	.	
900	.	.	.	140.0	.	82.0	1420.0	172.0	.	19.0	750.0	13.0	.	.	.	130.0	.	
910	.	.	.	.	.	.	.	.	.	.	706.0	.	11.0	.	.	36.0	.	
920	.	.	.	40.0	.	65.0	65.0	25.0	.	6.0	40.0	-10.0	.	.	.	125.0	.	
930	.	.	.	100.0	.	61.0	1210.0	40.0	.	3.0	260.0	-10.0	.	.	.	195.0	.	
940	-2.0	-10.0	-2.0	350.0	.	73.0	2630.0	-5.0	-20.0	42.0	800.0	-10.0	.	-1.0	.	86.0	.	-
950	-2.0	-10.0	-2.0	210.0	.	62.0	2330.0	10.0	-20.0	13.0	1000.0	-10.0	.	1.0	.	108.0	.	
960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
970	.	.	.	.	.	136.0	2610.0	.	.	.	1080.0	.	.	.	.	102.0	.	
980	.	.	.	60.0	.	91.0	1440.0	18.0	.	15.0	970.0	-10.0	.	.	.	20.0	.	
990	.	.	.	30.0	.	125.0	2280.0	36.0	.	6.0	1760.0	-10.0	.	.	.	92.0	.	
1000	.	.	.	20.0	.	71.0	730.0	74.0	.	39.0	610.0	-10.0	.	.	.			

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	NI	PB	RB	SB	U	ZN	MO
1010	.	.	.	30.0	.	127.0	1940.0	25.0	.	4.0	800.0	61.0	.	.	.	78.0	.
1020	.	.	.	50.0	.	104.0	2250.0	44.0	.	4.0	850.0	12.0	.	.	.	49.0	.
1030	.	.	.	30.0	.	105.0	2340.0	18.0	.	6.0	760.0	10.0	.	.	.	54.0	.
1040	.	.	.	50.0	.	74.0	1350.0	24.0	.	15.0	460.0	11.0	.	.	.	68.0	.
1050	.	.	.	40.0	.	114.0	1920.0	18.0	.	4.0	740.0	51.0	.	.	.	78.0	.
1060	.	.	.	30.0	.	83.0	2410.0	26.0	.	4.0	460.0	240.0	.	.	.	70.0	.
1070	.	.	.	20.0	.	106.0	2240.0	38.0	.	5.0	760.0	170.0	.	.	.	60.0	.
1080	.	.	.	30.0	.	103.0	2320.0	21.0	.	4.0	820.0	360.0	.	.	.	66.0	.
1090	.	.	.	40.0	.	77.0	1360.0	29.0	.	14.0	430.0	35.0	.	.	.	70.0	.
1100	.	.	.	30.0	.	66.0	2400.0	25.0	.	12.0	330.0	25.0	.	.	.	66.0	.
1110	.	.	.	40.0	.	115.0	2280.0	168.0	.	-3.0	600.0	108.0	.	.	.	122.0	.
1120	.	-10.0	-2.0	40.0	.	74.0	880.0	20.0	.	16.0	420.0	14.0	.	.	.	98.0	.
1130	.	50.0	-2.0	70.0	.	118.0	1400.0	48.0	.	5.0	980.0	-10.0	.	.	.	59.0	.
1140	.	.	-10.0	.	.	.	1440.0	.	.	.	1320.0	.	.	.	.	.	.
1150	.	.	-100.0	.	.	.	2300.0	.	.	.	1520.0	.	.	.	.	.	.
1160	.	.	-100.0	.	.	.	1280.0	.	.	.	1100.0	.	.	.	.	.	.
1170	.	.	-100.0	.	.	.	1160.0	.	.	.	1080.0	.	.	.	.	.	.
1180	.	.	-100.0	.	.	.	1740.0	.	.	.	1160.0	.	.	.	.	.	.
1190	.	.	.	.	.	.	1360.0	.	.	.	1740.0	.	.	.	.	.	.
1200	.	.	.	.	.	.	2920.0	.	.	.	1540.0	.	.	.	.	.	.
1210	.	.	.	.	.	.	2940.0	.	.	.	240.0	.	.	.	.	.	.
1220	.	.	.	.	.	.	1700.0	.	.	.	1740.0	.	.	.	.	.	.
1230	.	.	.	.	.	.	1620.0	.	.	.	820.0	.	.	.	.	.	.
1240	.	.	.	.	.	.	2440.0	.	.	.	1120.0	.	.	.	.	.	.
1250	.	.	.	.	.	.	1100.0	.	.	.	1500.0	.	.	.	.	.	.
1260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	98.0	.
1270	.	.	3.0	360.0	.	25.0	460.0	30.0	.	21.0	137.0	22.0	.	.	.	.	.
1280	.	.	.	.	.	.	3280.0	.	.	.	1860.0	.	.	.	.	142.0	.
1290	.	.	.	.	.	.	720.0	95.0	.	.	280.0	.	.	.	.	89.0	.
1300	.	.	.	.	.	.	2580.0	158.0	.	.	1680.0	.	.	.	.	109.0	.
1310	.	.	.	.	.	.	540.0	67.0	.	.	240.0	.	.	.	.	60.0	.
1320	.	.	-10.0	.	.	.	3220.0	140.0	.	.	1060.0	.	.	.	.	64.0	.
1330	.	.	-10.0	.	.	.	2040.0	13.0	.	.	1120.0	.	.	.	.	67.0	.
1340	.	.	-10.0	.	.	.	2540.0	65.0	.	.	1180.0	.	.	.	.	92.0	.
1350	.	.	-10.0	.	.	.	700.0	108.0	.	.	153.0	.	.	.	.	49.0	.
1360	.	.	-10.0	.	.	.	1660.0	10.0	.	.	1400.0	.	.	.	.	47.0	.
1370	.	.	-10.0	.	.	.	1640.0	56.0	.	.	1540.0	.	.	.	.	92.0	.
1380	.	.	-10.0	.	.	.	880.0	70.0	.	.	1000.0	.	.	.	.	50.0	.
1390	.	.	-10.0	.	.	.	1760.0	39.0	.	.	1120.0	.	.	.	.	55.0	.
1400	.	.	-10.0	.	.	.	2120.0	82.0	.	.	1040.0	.	.	.	.	30.0	.
1410	.	.	-10.0	.	.	.	1860.0	56.0	.	.	1000.0	.	.	.	.	57.0	.
1420	.	.	-10.0	.	.	.	1880.0	62.0	.	.	940.0	.	.	.	.	50.0	.
1430	.	.	-10.0	.	.	.	2020.0	88.0	.	.	1040.0	.	.	.	.	50.0	.
1440	.	.	-10.0	.	.	.	1480.0	-5.0	.	.	760.0	.	.	.	.	52.0	.
1450	.	.	-10.0	.	.	.	1580.0	-5.0	.	.	740.0	.	.	.	.	60.0	.
1460	.	.	-10.0	.	.	.	1800.0	48.0	.	.	800.0	.	.	.	.	56.0	.
1470	.	.	-10.0	.	.	.	1640.0	54.0	.	.	820.0	.	.	.	.	62.0	.
1480	.	.	-10.0	.	.	.	1580.0	12.0	.	.	680.0	.	.	.	.	74.0	.
1490	.	.	-10.0	.	.	.	1780.0	46.0	.	.	740.0	.	.	.	.	63.0	.
1500	.	.	-10.0	.	.	.	2480.0	55.0	.	.	1260.0	.	.	.	.	.	.

UNIQUE NUMBER	AG	AS	AU	BA	BI	CO	CR	CU	HG	LI	MI	PB	RB	SB	U	ZN	MO	BE
1510	.	.	-10.0	.	.	.	2500.0	71.0	.	.	1240.0	.	.	.	.	64.0	.	.
1520	.	.	20.0	.	.	.	620.0	76.0	.	.	860.0	.	.	.	.	58.0	.	.
1530	.	.	-10.0	.	.	.	620.0	7.0	.	.	177.0	.	.	.	.	98.0	.	.
1540	.	.	-3.0	40.0	.	81.0	2170.0	59.0	.	24.0	1110.0	18.0	.	.	.	64.0	.	.
1550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1570	.	.	.	20.0	.	130.0	3340.0	70.0	.	-3.0	1760.0	-10.0	.	.	.	60.0	.	.
1580	-1.0	-30.0	.	-150.0	.	80.0	3500.0	8.0	.	6.0	720.0	-10.0	.	-1.0	.	70.0	-10.0	-3.
1590	-1.0	-30.0	.	-150.0	.	85.0	3500.0	15.0	.	4.0	1400.0	-10.0	.	-1.0	.	55.0	-10.0	-3.
1600	-1.0	-30.0	.	-150.0	.	90.0	3000.0	15.0	.	4.0	1770.0	-10.0	.	-1.0	.	50.0	-10.0	-3.
1610	-1.0	-30.0	.	150.0	.	90.0	6000.0	280.0	.	-3.0	820.0	20.0	.	1.0	.	85.0	-10.0	-3.
1620	-3.0	-10.0	-3.0	30.0	.	85.0	2720.0	35.0	.	3.0	1100.0	10.0	.	.	.	75.0	.	.
1630	-3.0	20.0	4.0	30.0	.	100.0	1910.0	25.0	.	-5.0	2050.0	20.0	.	.	.	35.0	.	.
1640	-3.0	-10.0	15.0	30.0	.	60.0	1880.0	30.0	.	9.0	210.0	25.0	.	.	.	100.0	.	.
1650	-3.0	800.0	-3.0	30.0	.	110.0	1830.0	35.0	.	3.0	1930.0	15.0	.	.	.	30.0	.	.
1660	-3.0	60.0	4.0	30.0	.	120.0	2500.0	30.0	.	15.0	1360.0	10.0	.	.	.	30.0	.	.
1670	-3.0	-10.0	-3.0	20.0	.	90.0	2500.0	30.0	.	15.0	280.0	10.0	.	.	.	110.0	.	.
1680	-3.0	2500.0	-3.0	130.0	.	75.0	2300.0	10.0	.	25.0	1170.0	25.0	.	.	.	85.0	.	.
1690	-3.0	-10.0	-3.0	30.0	.	100.0	3880.0	35.0	.	10.0	1820.0	15.0	.	.	.	40.0	.	.
1700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1710	.	.	.	40.0	.	80.0	1660.0	25.0	.	6.0	600.0	-10.0	.	.	.	65.0	.	.
1720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

INT5.TBL -- Table 10

UNIQUE NUMBER	GA	MB	SC	SW	SR	V	Y	ZR	W	CE	LA	MD	TH	HF	SM	EU	TB	YB
10	.	.	.	.	9.8	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	22.5	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
50	.	.	.	.	.	210.0	.	.	.	.	.	.	.	.	.	.	.	.
60	.	.	.	.	.	35.0	.	.	.	.	.	.	.	.	.	.	.	.
70	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
330	.	.	.	.	.	50.0	.	.	.	.	.	.	.	.	.	.	.	.
340	.	.	.	.	.	50.0	.	.	.	.	.	.	.	.	.	.	.	.
350	.	.	.	.	.	42.0	.	.	.	.	.	.	.	.	.	.	.	.
360	.	.	.	.	.	32.0	.	.	.	.	.	.	.	.	.	.	.	.
370	.	.	.	.	.	65.0	.	.	.	.	.	.	.	.	.	.	.	.
380	.	.	.	.	.	61.0	.	.	.	.	.	.	.	.	.	.	.	.
390	.	.	.	.	.	30.0	.	.	.	.	.	.	.	.	.	.	.	.
400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420	.	.	.	.	12.0	155.0	8.0	50.0	.	.	.	.	.	.	.	.	.	.
430	.	.	.	.	8.4	35.0	3.0	22.0	.	.	.	.	.	.	.	.	.	.
440	.	.	.	.	8.6	33.0	2.7	17.0	.	.	.	.	.	.	.	.	.	.
450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

e No. 2
13/87

UNIQUE NUMBER	GA	MB	SC	SM	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
580	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
590	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
600	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
610	.	.	.	.	.	.	.	.	.	-35.0	15.0	-25.0	-10.0	.	.	.	.	.
620	.	-5.0	13.0	.	19.0	70.0	-5.0	-5.0	.	-35.0	18.0	-25.0	-10.0	.	.	.	.	.
630	.	-5.0	23.0	.	25.0	80.0	-5.0	-5.0	.	.	.	.	.	.	.	.	.	.
640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
660	.	6.0	35.0	.	16.0	135.0	6.0	23.0	.	.	.	.	.	.	.	.	.	.
670	.	-5.0	35.0	.	70.0	130.0	6.0	8.0	.	.	.	.	.	.	.	.	.	.
680	.	1.0	18.0	.	25.0	130.0	4.0	18.0	.	.	.	.	.	.	.	.	.	.
690	.	.	.	.	12.0	95.0	3.0	12.0	.	.	.	.	.	.	.	.	.	.
700	.	.	.	.	100.0	215.0	11.0	23.0	.	.	.	.	.	.	.	.	.	.
710	.	.	.	.	50.0	125.0	-2.0	19.0	.	.	.	.	.	.	.	.	.	.
720	.	.	.	.	8.0	95.0	6.0	35.0	.	.	.	.	.	.	.	.	.	.
730	.	.	.	.	8.0	100.0	4.0	25.0	.	.	.	.	.	.	.	.	.	.
740	.	.	.	.	10.0	85.0	4.0	22.0	.	.	.	.	.	.	.	.	.	.
750	.	.	.	.	50.0	120.0	3.0	30.0	.	.	.	.	.	.	.	.	.	.
760	.	.	.	.	50.0	65.0	4.0	30.0	.	.	.	.	.	.	.	.	.	.
770	.	.	.	10.0	.	90.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
780	.	.	.	-10.0	.	120.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
790	.	8.0	19.0	.	16.0	85.0	6.0	6.0	.	.	.	.	.	.	.	.	.	.
800	.	.	.	.	.	125.0	.	.	-50.0	.	.	.	.	.	.	.	.	.
810	6.0	.	30.0	-30.0	20.0	150.0	10.0	60.0	.	.	.	.	.	.	.	.	.	.
820	4.0	.	25.0	-30.0	45.0	100.0	10.0	30.0	.	.	.	.	.	.	.	.	.	.
830	3.0	.	20.0	-30.0	20.0	100.0	-10.0	25.0	.	.	.	.	.	.	.	.	.	.
840	3.0	.	20.0	-30.0	45.0	90.0	-10.0	15.0	.	.	.	.	.	.	.	.	.	.
850	.	2.0	9.0	.	7.0	65.0	3.0	10.0	.	.	.	.	.	.	.	.	.	.
860	.	-1.0	13.0	.	255.0	115.0	11.0	55.0	.	.	.	.	-10.0	.	.	.	.	.
870	.	5.0	23.0	.	10.0	180.0	13.0	.	.	.	.	.	.	.	.	.	.	.
880	.	3.0	8.0	.	7.0	55.0	2.0	-1.0	.	.	.	.	.	.	.	.	.	.
890	.	2.0	18.0	.	10.0	75.0	5.0	-1.0	.	.	.	.	.	.	.	.	.	.
900	.	18.0	40.0	.	90.0	250.0	18.0	75.0	.	.	.	.	.	.	.	.	.	.
910	.	.	.	.	171.0	83.0	.	66.0	.	.	.	.	.	.	.	.	.	.
920	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
930	.	30.0	35.0	.	35.0	160.0	30.0	55.0	.	.	.	.	10.0	.	.	.	.	.
940	.	10.0	17.0	.	18.0	120.0	4.0	11.0	-50.0	.	.	.	.	.	.	.	.	.
950	.	10.0	11.0	.	.	165.0	5.0	.	.	.	.	.	-10.0	.	.	.	.	.
960	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
970	4.0	35.0	.	.	18.0	85.0	-2.0	12.0	.	.	.	.	.	.	.	.	.	.
980	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
990	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

UNIQUE NUMBER	GA	NB	SC	SN	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
1010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1050	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1060	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1090	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1110	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1130	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1140	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1170	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1180	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1210	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1230	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1260	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1280	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1290	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1330	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1340	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1350	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1380	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1390	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1400	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1410	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1420	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1430	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1460	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1470	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1480	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1490	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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UNIQUE NUMBER	GA	NB	SC	SM	SR	V	Y	ZR	W	CE	LA	ND	TH	HF	SM	EU	TB	YB
1510	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1580	15.0	.	30.0	-100.0	30.0	210.0	-20.0	40.0	.	.	.	.	.	.	.	.	.	.
1590	10.0	.	-20.0	-100.0	20.0	20.0	-20.0	-10.0	.	.	.	.	.	.	.	.	.	.
1600	-10.0	.	-20.0	-100.0	-20.0	90.0	-20.0	15.0	.	.	.	.	.	.	.	.	.	.
1610	15.0	.	40.0	-100.0	20.0	200.0	20.0	100.0	.	.	.	.	.	.	.	.	.	.
1620	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1630	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1640	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1670	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1680	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1690	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1700	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1710	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1720	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

ALPHA.TBL -- Table 11

Komatiite Database Reference List

Author and Reference	Title of Report	Area	Ref Key
Andrews,A.J.,		Skinner Lake, Ontario,	183
Andrews,A.J.,		Akow Lake, Ontario, Sachigo Belt	184
Andrews,A.J.,		Nichol Twp. Ontario, Abitibi Belt	180
Andrews,A.J.,		Gilles Limit, Ontario, Abitibi Belt	181
Anhaeusser,C.R., 1983,Spec Pub.Geol.Soc.S.Africa 9,p31-44	The geology of the Schapenburg greenstone remnant and surrounding Archaean granitic terrane south of Badplaas, Eastern Transvaal.	Barberton Mountain Land, South Africa	1
Anhaeusser,C.R., et al, 1975, Chem.Geol. 16,p129-135	Gold in 'primative' Archean volcanics.	Barberton Mountain Land, South Africa	2
Arndt,N.T. & Nesbitt, R.W.,Komatiites,1982,Chapter 20,(eds. Arndt,N.T. & Nisbet)	Geochemistry of Munro Township basalts.	Munro Twp, Ontario, Abitibi Belt	7
Arndt,N.T. 1976, Geol.Assoc.Canada,Spec.Paper No. 14	Ultramafic rocks of Munro Township: Economic and tectonic implications.	Munro Twp, Ontario, Abitibi Belt	48
Arndt,N.T. Ph.D. Thesis, 1975	Ultramafic rocks of Munro Township and thier volcanic setting.	Munro Twp, Ontario, Abitibi Belt	3
Arndt,N.T., Nesbitt,R.W., 1984, Archean Geochemistry (ed. by A. Kroner et al.)	Magma mixing in komatiitic lavas from Munro Township, Ontario.	Munro Twp, Ontario, Abitibi Belt	4
Auvray,B., et al., Komatiites 1982, chapter 10, (eds. Arndt,N.T., & Nisbet, E.)	Komatiites and the komatiitic series of the Finnish Greenstone Belts.	Finland	5
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